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User's manual

TL92220/TL92270/TL92320/ TL92370/TL92420/TL92470 DECT 6.0 cordless telephone/ answering system with BLUETOOTH® wireless technology

Congratulations

on purchasing your new AT&T product. Before using this AT&T product, please read the **Important safety information** on pages 93-94 of this user's manual. Please thoroughly read the user's manual for all the feature operations and troubleshooting information you need to install and operate your new AT&T product. You can also visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Model #:	TL92220 (two handsets) TL92270 (two handsets) TL92320 (three handsets) TL92370 (three handsets) TL92420 (four handsets) TL92470 (four handsets)
Type:	DECT 6.0 cordless telephone/answering system with Bluetooth wireless technology
Serial #:	_____
Purchase date:	_____
Place of purchase:	_____

Both the model and serial number of your AT&T product can be found on the bottom of the telephone base.

Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear implants. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.

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Parts checklist

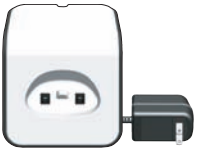
Your telephone package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.

User's manual

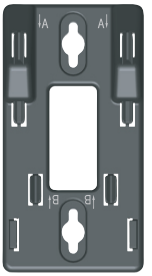
Quick start guide

Cordless handsets
(2 for TL92220)
(2 for TL92270)
(3 for TL92320)
(3 for TL92370)
(4 for TL92420)
(4 for TL92470)

Telephone base



Charger for cordless handset with power adapter installed
(1 for TL92220)
(1 for TL92270)
(2 for TL92320)
(2 for TL92370)
(3 for TL92420)
(3 for TL92470)

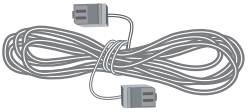


Wall-mount bracket

Batteries for cordless handsets
(2 for TL92220)
(2 for TL92270)
(3 for TL92320)
(3 for TL92370)
(4 for TL92420)
(4 for TL92470)

Battery compartment covers
(2 for TL92220)
(2 for TL92270)
(3 for TL92320)
(3 for TL92370)
(4 for TL92420)
(4 for TL92470)

Power adapter for telephone base



Telephone line cord

User's manual

TL92220/TL92270/TL92320/ TL92370/TL92420/TL92470 DECT 6.0 cordless telephone/ answering system with BLUETOOTH® wireless technology

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Quick reference guide - telephone base

◄/REPEAT

Press to repeat a message or press twice to play the previous message (page 68).

/HANDSET LOCATOR

Press to page all system handsets (page 49).

X/DELETE

Press to delete the message currently playing (page 68).

When the phone is not in use, press twice to delete all previously reviewed messages (page 69).

►/■/PLAY/STOP

Press to play messages (page 68).

Press to stop message playback (page 68).

▼ VOLUME ▲

Press to adjust the volume during playback (page 68).

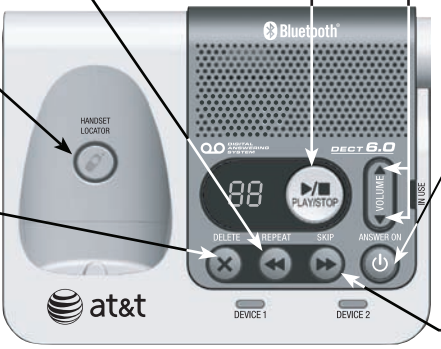
When the phone is not in use, press to adjust the telephone base ringer volume (page 67).

⏻/ANSWER ON

Press to turn the answering system on or off (page 35).

►►/SKIP

Press to skip to the next message (page 68).



Message counter

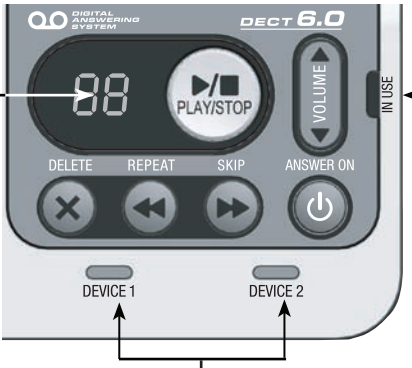
Number of messages (or during playback, message number currently playing).

IN USE light

On when the handset is in use, or when the answering system is answering an incoming call, or when you are registering a handset.

Flashes when another telephone is in use on the same line, or when you are deregistering handset(s) from the telephone base.

Flashes when there is an incoming call.



DEVICE1/DEVICE2 lights

On when the telephone base is paired and connected with a Bluetooth device.

Flash alternatively while pairing a Bluetooth device.

Quick reference guide - handset

CHARGE light (blue ring around **MENU/SELECT**)

On when the handset is charging in the telephone base or charger.

CID▼/-VOLUME

Press to scroll down while in menus.

Press to decrease the volume level during a call (page 44).

Press to show the caller ID history when the telephone is not in use (page 62).

While entering names or numbers in the directory, press to move the cursor to the left (page 54).

MENU/SELECT

Press to display the menu (page 4).

Once in the menu, press to select an item or save an entry or setting.

CELLULAR

Press to make or answer a cell call (page 41).

During a cell call, press to answer an incoming call when you hear a call waiting alert (page 41).

Flashes quickly when there is an incoming cell call.

Flashes slowly when a cell call is on hold.

HOME/FLASH

Press to make or answer a home call (page 39).

During a home call, press to answer an incoming call when you hear a call waiting alert (page 41).

Flashes quickly when there is an incoming home call.

Flashes slowly when a home call is on hold.

1

While reviewing a caller ID history entry, press repeatedly to add or remove **1** in front of the telephone number before dialing or saving it in the directory (page 63).

TONE ✱

Press to switch to tone dialing temporarily during a call if you have pulse service (page 44).

Quick reference guide - handset

▲DIR/VOLUME+

Press to scroll up while in menus.

Press to increase the volume level during a call (page 44).

Press to show directory entries when the telephone is not in use (page 57).

While entering names or numbers in the directory, press to move the cursor to the right (page 54).

REDIAL/PAUSE

Press repeatedly to view the last 20 numbers dialed (page 47).

While entering numbers, press and hold to insert a dialing pause (page 54).

OFF/CLEAR

While using menus, press to cancel an operation, back up to the previous menu, or exit the menu display (page 4).

During a call, press to hang up (page 39).

Press and hold while the telephone is not in use to erase the missed calls message (page 61).

HOLD

Press to put a **HOME** or **CELLULAR** call on hold (page 45).

#

Press repeatedly to display other dialing options when reviewing a caller ID history entry (page 63).

MUTE/DELETE

During a call, press to mute the microphone (page 44).

While predialing, press to delete digits (page 39).

While reviewing the redial list, directory or caller ID history, press to delete an individual entry (pages 48, 59 and 65).

/SPEAKER

Press to turn on the handset speakerphone. Press again to resume normal handset use (page 44).

Quick reference guide - handset

EQ

During an outside call, intercom call, message or announcement playback, press to change the quality of the audio to best suit your hearing (page 45).

Main menu

The selected menu item is highlighted.

Menu

Feature menu

Play messages (page 68)
Answering sys (page 66)
Directory (page 57)
Call log (page 60)
Intercom (page 50)
Bluetooth (page 12)
Ringers (page 27)
Settings (page 28)
Website (page 31)

Using menus

1. Press **MENU/SELECT** in idle mode (when the telephone is not in use) to enter the main menu.
2. Use **CID▼**or **▲DIR** to scroll through menu items
3. Press **MENU/SELECT** to select or save the highlighted item.
   -OR-
   Press **OFF/CLEAR** to cancel an operation, back up to the previous menu or exit the menu display.
   -OR-
   Press and hold **OFF/CLEAR** to return to idle mode.

NOTE: If no key is pressed, the handset automatically returns to idle mode after 30 seconds.

Installation

You must install and charge the handset battery before using the cordless handset.

See pages 8-9 for easy instructions.

Install the telephone base close to a telephone jack and a power outlet not controlled by a wall switch. The telephone base can be placed on a flat surface or vertically mounted on the wall (page 10). For optimum range and better reception, place the telephone base in a central and open location.

You may hear interference if your cellular phone is too close to the telephone base during a **CELLULAR** call. Make sure that your Bluetooth enabled cellular phone is within 15 feet of the telephone base in order to maintain a clear and consistent connection between your Bluetooth cell phone, telephone base and cell tower.

If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (page 6). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Your product may be shipped with a protective sticker covering the handset or telephone base display - remove it before use.

For customer service or product information, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Avoid placing the telephone base too close to:

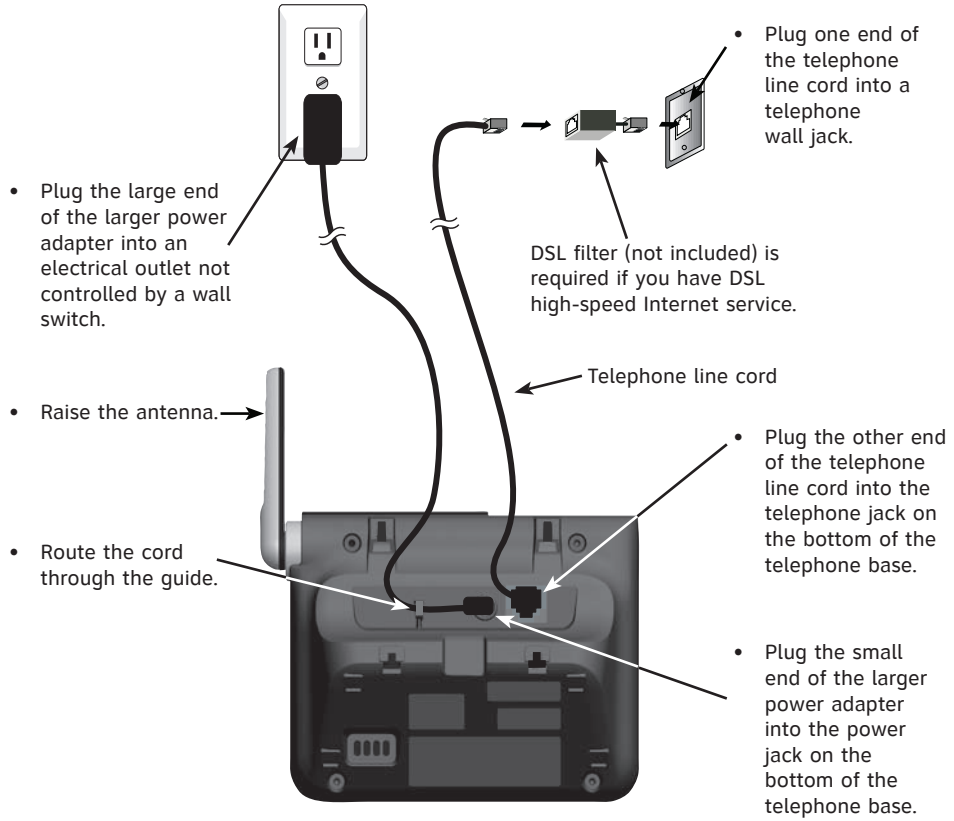
- Communication devices such as: television sets, VCRs, or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or work bench.

Telephone base installation

If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Follow the steps below to install the telephone.

NOTE: The telephone base comes ready for tabletop use. If you want to mount your telephone on a wall, refer to **Installation options** on pages 10-11 for details.



Charger installation

Plug the power adapter into an electrical outlet not controlled by a wall switch.

IMPORTANT INFORMATION:

1. Use only the power adapter(s) provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.
2. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

Battery installation and charging

Install the battery as shown below.

Step 1

Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label. Insert the supplied battery with the label **THIS SIDE UP** facing up as indicated.

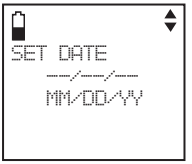
Step 2

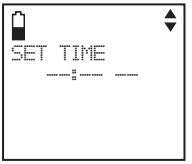
Align the cover flat against the battery compartment, then slide it upwards until it clicks into place.

Step 3

Charge the handset by placing it face up in the telephone base or charger. The **CHARGE** light is on when charging.

After you install your telephone or power returns following a power outage, the handset will prompt you to set the date and time. For instructions, see **Set date/time** on page 30. To skip setting the date and time, press **OFF/CLEAR**.





To replace the battery, press the tab and slide the battery compartment cover downwards. Lift out the old battery and disconnect it from the handset. Follow the instructions above to install and charge the new battery.

IMPORTANT INFORMATION:

1. Use only the supplied rechargeable battery or replacement battery (model BT166342). To order, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.
2. If you do not use the handset for a long time, disconnect and remove the battery to prevent possible leakage.

Battery charging

Once you have installed the battery, the screen indicates the battery status (see table below). If necessary, place the handset in the telephone base or charger to charge the battery. For best performance, keep the handset in the telephone base or charger when not in use. The battery is fully charged after 16 hours of continuous charging. See the table on page 99 for battery operating times.

If the screen shows **Low battery**, you need to charged the battery without interruption for at least 30 minutes to give the handset enough charge to use the telephone for a short time. The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank or shows **Place in charger**.	The battery has no charge or very little charge. The handset cannot be used.	Charge without interruption until the screen shows **Low battery** or **Handset X** (at least 30 minutes).
The screen shows **Low battery** and ▯ flashes.	Battery has enough charge to be used for a short time.	Charge without interruption until the screen shows **HANDSET X** (at least 30 minutes).
The screen shows **HANDSET X**.	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

NOTE: If you are on a phone call in low battery mode, you hear four short beeps every minute.

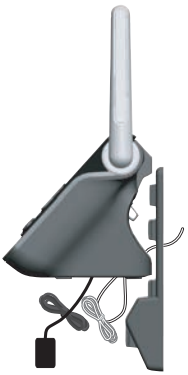
Installation options

Your telephone base is ready for tabletop use. If you want to mount your telephone on a wall, use the provided wall-mount bracket to attach to a standard dual-stud telephone wall-mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronics retailers. You may need a professional to install the mounting plate.

Tabletop to wall-mount installation

1. Plug the power cord and telephone line into the telephone base. If you are using a DSL filter, plug the other end of the telephone line into the filter. Route the telephone line cord (or DSL filter) through the wall-mount bracket hole.
2. Position the telephone base as shown below. Insert the extended tabs (see below figure 2) of the wall-mount bracket into the slots on the back of the telephone base (marked **B**). Push the telephone base down until it is securely in place.
3. Plug the telephone line cord (or DSL filter) into the wall jack. Plug the power adapter into a power outlet not controlled by a wall switch.
4. Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with a twist tie.

1



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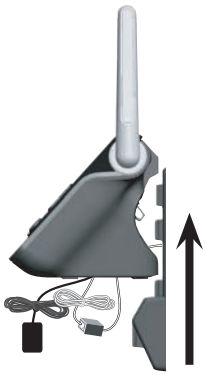

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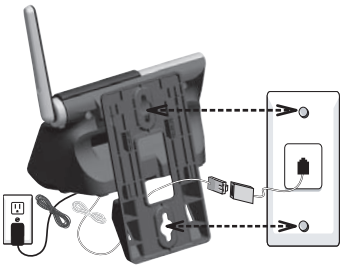

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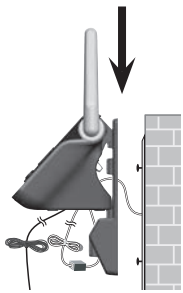
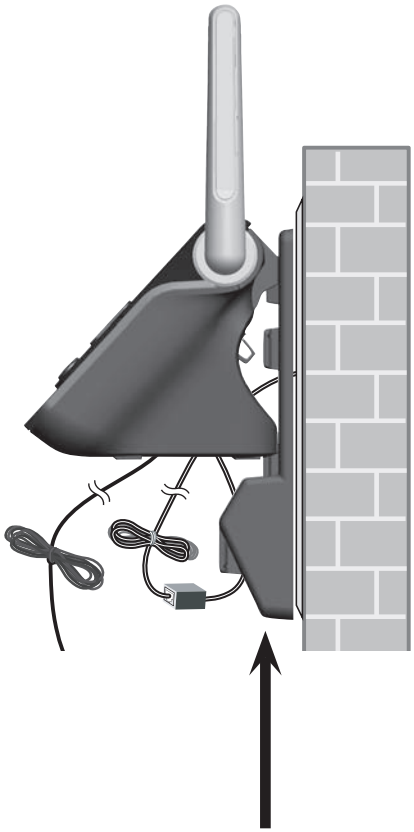


Wall-mount to tabletop installation

To change the telephone base from the wall-mount position to tabletop position, follow the steps below.

1. If the telephone line cord and power adapter cord are bundled, untie them first. Remove the wall-mount bracket from the wall.
2. Unplug the telephone line cord (or DSL filter) from the wall. Unplug the power adapter from the power outlet. Lift the telephone base up to detach it from the plastic wall-mount bracket.
3. Push the wall-mount bracket up to remove it from the wall.
4. See **Telephone base installation** on page 6.



Introducing Bluetooth

Your new AT&T **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** telephone system with Bluetooth wireless technology has the following features:

- Pair up to four Bluetooth enabled devices (cell phones or headsets) with the telephone base.
- Connect a maximum of two cell phones to make and receive cell calls. Only one cell phone can be active on a call at a time.
- Connect a Bluetooth enabled headset for making and receiving home calls.
- Conference cell and home calls.
- Make and receive calls using your cell phone plan with your cordless system handsets.

IMPORTANT INFORMATION

- After plugging in the telephone base, wait at least 20 seconds before connecting a Bluetooth device. The screen shows **Bluetooth system busy** if you try to connect too soon.
- Refer to the user's manual of your Bluetooth enabled cell phone or headset for more information about how that device uses Bluetooth connectivity.
- Bluetooth wireless technology operates within a short range (up to 30 feet) from the telephone base. Keep connected cell phones and headset within this range.
- If your cell phone has poor reception in your home, the **TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470** cannot improve the reception. However, if you have a location in your house with better reception, you can leave your cell phone in that location while you use the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** cell line. In order for this to work, the cell phone must be within 15 feet of the telephone base for optimal performance.
- Charge your cell phone while it is connected to the telephone base. Your cell phone's battery discharges faster while it is connected to the telephone base via Bluetooth wireless technology.
- Monitor your cell phone's usage, because minutes may be deducted from your cellular plan for the duration of all cell calls, depending on the terms of your plan.

Refer to the **Bluetooth setup** section (pages 14-26) to learn how to set up your Bluetooth device. Refer to the **Telephone operation** section (page 39) on how to operate your Bluetooth devices with your new **TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470** AT&T telephone system with Bluetooth wireless technology. Refer to the **Troubleshooting** section (pages 79-91) if you experience difficulty when using the telephone system.

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Glossary of terms

Below are some terms used in this user's manual to help you become familiar with using your Bluetooth devices and your new AT&T telephone system.

Active devices - a Bluetooth enabled device, paired and connected to the telephone base. A maximum of two paired devices (two cell phones, or one cell phone and one headset) can be connected to the telephone base, but only one can be on a call at a time.

Bluetooth cell phone - refers to a mobile Bluetooth enabled cellular telephone.

CELLULAR line - the telephone line associated with your cell phone service. On your **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handset, press **CELLULAR** to use the cell line.

Connected - a Bluetooth enabled device (cell phone or headset) can only be used when it is connected to the telephone base. When a Bluetooth enabled device is connected to the telephone base and listed on the active devices list, it is ready for use.

Disconnected - a diagonal line appears across devices 1 and/or 2 when the corresponding Bluetooth enabled device is disconnected from the telephone base.

Discoverable mode - before a Bluetooth enabled device can be paired, it must be set to this mode. When pairing your cell phone, the telephone base is in this mode. Depending on the manufacturer, this mode is sometimes referred to as **Find Me or Visibility**.

HOME line - your conventional telephone land line. On your **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handset, press **HOME/FLASH** to use the home line.

Paired devices - Bluetooth enabled devices (cell phone or headset) that have shared registration information with the telephone base. A total of four Bluetooth enabled devices can be paired with the telephone base; however, only two paired devices can be connected to the base at a time.

Pairing - sometimes refers to as **bonding**. The process of sharing registration information between two Bluetooth enabled devices. Your Bluetooth enabled cell phone or headset must first be paired to the telephone base in order to use it with this cordless phone system.

PIN - by default, the PIN is **0000** for the telephone base and for most Bluetooth devices. PIN information must be exchanged between Bluetooth devices before they can be used. This is also known as a **Passkey** or **Passcode**.

Bluetooth setup

To use a Bluetooth enabled cellular phone with your telephone, you must first pair and connect your Bluetooth cellular phone with the telephone base. All **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handsets can be used to make or answer on the cell phone line.

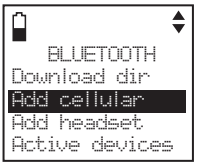
Bluetooth wireless technology operates within a short range (up to 30 feet). When you pair a Bluetooth cell phone or Bluetooth headset to the telephone base, keep the device within 15 feet of the telephone base for optimal performance.

Pairing a cell phone

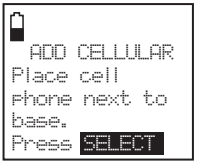
Before you begin, make sure that you have cellular coverage and your Bluetooth enabled cell phone is not connected to any other Bluetooth device. Refer to your cell phone user's manual to learn how to search for or add new Bluetooth devices.

To pair and connect a cell phone:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.



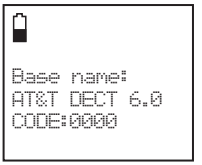
3. Press **CID▼** or **▲DIR** to highlight **Add cellular**, then press **MENU/SELECT**. The screen displays **ADD CELLULAR Place cell phone next to base. Press SELECT**.
   - If there are already four devices on the paired devices list, the screen displays **Maximum of 4 devices can be paired** and prompts you to replace an existing paired device (page 21).



4. Press **MENU/SELECT**. The screen displays **Please set your cell phone to search for devices, then press SELECT**.
   - If a device is already connected to the telephone base, the screen displays **Connected device will be temporarily disconnected. Press SELECT**. Press **MENU/SELECT** to temporarily disconnect the device and continue the pairing process.

5. Turn on the Bluetooth feature of your cell phone and search for or add new devices.
6. Press **MENU/SELECT** to set the telephone base to discoverable mode.
7. Once your cell phone finds **AT&T DECT 6.0**, press **MENU/SELECT**.

8. Enter the PIN of the telephone base (the default PIN is **0000**) into your cell phone to continue the pairing process.



9. When a device is successfully connected, the handset displays **Paired with cellular** and then **Cellular setup completed Device connected**. The corresponding status icon (**1** or **2**) displays. The corresponding device light on the telephone base (**DEVICE1** or **DEVICE2**) turns on.

   - If you already have two devices on the active devices list, the handset shows **Maximum of 2 devices can be connected**. You are prompted to replace an existing device on the active devices list (page 21).

NOTES:

1. The pairing process may take up to one minute. If the pairing process fails, try again.
2. If you put the handset back in the telephone base or charger while pairing, the process discontinues and the handset returns to idle mode.

Auto connection

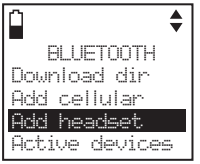
When a device is successfully paired with the telephone base but not connected, the handset displays **Cellular setup completed Device not connected** and then **Auto-connect function enabled Press SELECT**. You can press **MENU/SELECT** to exit. You can also connect a device manually (page 20).

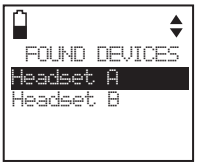
Pair a headset

Before you begin, make sure that your Bluetooth enabled headset is not connected to any other Bluetooth device. Refer to your headset user's manual to learn how to search for or add new Bluetooth devices.

To pair and connect a headset:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Add headset**, then press **MENU/SELECT**. The screen displays **ADD HEADSET Place Bluetooth headset next to base. Press SELECT**.
   - If there are already four devices on the paired devices list, the screen displays **Maximum of 4 devices can be paired** and prompts you to replace an existing paired device (page 21).
4. Press **MENU/SELECT**. The screen displays **Please set your headset to discoverable mode, then press SELECT**.
   - If a device is already connected to the telephone base, the screen displays **Connected device will be temporarily disconnected. Press SELECT**. Press **MENU/SELECT** to temporarily disconnect the device and continue the pairing process.
5. Set your headset to discoverable mode.
6. Press **MENU/SELECT** to set your telephone base to discoverable mode and search for your headset.
7. Once the telephone base finds your headset, press **MENU/SELECT**.
8. Enter the PIN of your headset (the PIN for most Bluetooth devices is **0000**), then press **MENU/SELECT**.





9. When the handset displays **Headset A paired to base. Connect now? Press SELECT**, then press **MENU/SELECT** on the handset.
   - When you already have two devices on the active devices list, the handset shows **Maximum of 2 devices can be connected**. You are prompted to replace an existing headset on the active devices list (page 21).
   - When you already have one headset on the active devices list, the handset shows **Only 1 headset can be connected**. You are prompted to replace the headset on the active devices list (page 21).

10. **Headset setup completed Device connected** and the corresponding status icon (**1** or **2**) display when a device is successfully connected. The corresponding light on the telephone base (**DEVICE1** or **DEVICE2**) turns on.

NOTES:

1. The pairing process may take up to one minute. If the pairing process fails, try again.
2. If you put the handset back in the telephone base or charger while pairing, the process discontinues and the handset returns to idle mode.

Auto connection

When a device is successfully paired with the telephone base but not connected, the handset displays **Headset setup completed Device not connected** and then **Auto-connect function enabled Press SELECT**. You can press **MENU/SELECT** to exit. You can also connect a device manually (page 20).

Paired devices

All paired devices are stored on the **Paired devices** list. Up to four devices (cell phones and headsets) can be paired with the telephone base.

To use a paired device, it must be connected and on the active devices list (page 20).

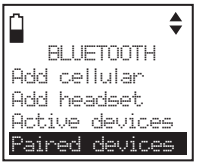
Once you have paired a device with the telephone base, you do not need to repeat the pairing procedure again unless you delete the device from the paired devices list.

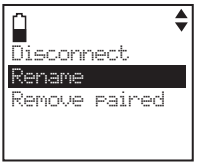
NOTE: Only the first 15 characters of the device name are shown on the paired devices list.

Rename a paired device

You can change the name of a paired device on the paired devices list.

1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Paired devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight a device when necessary, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to highlight **Rename**, then press **MENU/SELECT**. The screen displays **ENTER NEW NAME**.
6. Use the dialing keys to edit the name (page 55).
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
7. Press **MENU/SELECT** to confirm. The handset displays **Device renamed**.



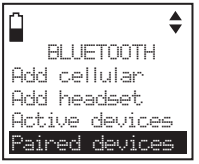


Remove a paired device

If you want to add another Bluetooth device and you already have the maximum of four devices on the paired devices list, you must first delete a device from the paired devices list.

To remove a paired device:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Paired devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight a selected device when necessary, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to highlight **Remove paired**, then press **MENU/SELECT**. The handset displays **Remove device from paired list? Press SELECT**.
6. Press **MENU/SELECT** to confirm. The handset displays **Device removed from paired list**.



Active devices

Only devices on the active devices list can establish a Bluetooth connection with the telephone base. Although two paired devices can be connected to the telephone base, only one Bluetooth cell phone or a headset can be on a call at a time.

NOTE: When adding, removing, or replacing a Bluetooth device on the active devices list, all connected devices are temporarily disconnected until the procedure is complete. It may take up to two minutes to reconnect.

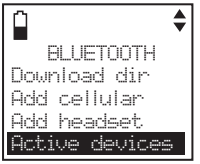
Review the active devices list

1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Active devices**, then press **MENU/SELECT**.

Connect/disconnect an active device

While in the active devices menu, you may connect or disconnect your active device.

1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Active devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight a device when necessary, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to highlight **Connect**/**Disconnect** (whichever is applicable), then press **MENU/SELECT** to confirm. The handset displays **Device connected/Device disconnected**.



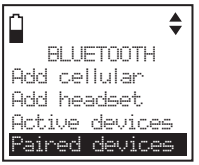
NOTE: When your active device is connected, you are prompted to select **Disconnect**. When your active device is disconnected, you are prompted to select **Connect**.

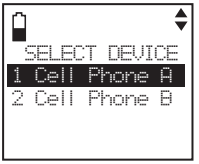
Replace an active device

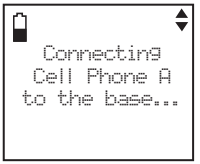
You can replace an active device with a device on the paired devices list even if you already have two devices on the active devices list.

To replace an active device:

1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Paired devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight a device, then press **MENU/SELECT**.
5. Press **MENU/SELECT** again to select **Connect**.
   - When you already have two cell phones on the active devices list, the handset shows **Maximum of 2 devices can be connected** and then **Replace an existing active device with cellular? Press SELECT**.
   - When you already have one headset on the active devices list, the handset shows **Only 1 headset can be connected** and then **Headset A will be replaced from Active list? Press SELECT**.
6. Press **MENU/SELECT**. You are prompted to select a device on the paired devices list.
7. Press **CID▼** or **▲DIR** to highlight the device to be replaced, then press **MENU/SELECT**. The handset displays **Device removed from active list** and then **Connecting Cell Phone A to the base**...
8. Depending on your cell phone settings, you may need to press a key on your cell phone to confirm the connection. When you successfully replace and connect an active device with a paired device, the handset displays **Device connected**.





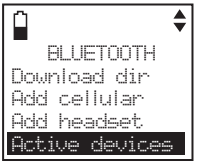


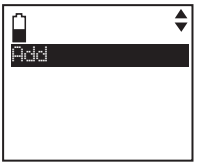
Add an active device

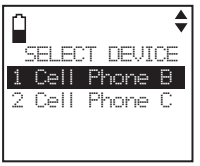
You can have a maximum of two devices on the active devices list.

To add an active device:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Active devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight an empty position, then press **MENU/SELECT**.
5. When **Add** displays, press **MENU/SELECT**. You are prompted to select a device from the paired devices list.
6. Press **CID▼** or **▲DIR** to select a paired device, then press **MENU/SELECT**. The handset displays **Device added to active list** and then **Connecting Cell Phone B to the base**... If there are no paired devices to add, the handset displays **All paired devices already connected**.
7. Depending on your cell phone settings, you may need to press a key on your cell phone to confirm the connection. When you successfully add and connect an active device, the handset displays **Device connected**.





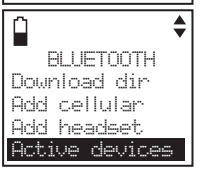


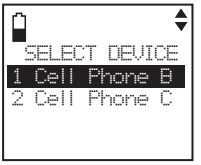
Remove an active device

You can remove an active device from the active devices list.

To remove an active device:

1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Active devices**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight the desired device, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to highlight **Remove active**, then press **MENU/SELECT**. The handset displays **Device removed from active list**.





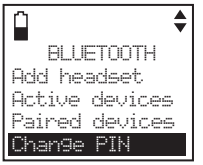
NOTE: Even though the active device is removed from the active devices list, it is still on the paired devices list.

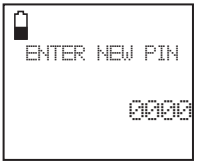
Change PIN

You are required to enter a PIN when establishing a Bluetooth connection. The default PIN of your telephone base is **0000**.

To change the PIN:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Change PIN**, then press **MENU/SELECT**. The handset displays **ENTER NEW PIN** and the existing PIN.
4. Use the dialing keys to enter a new four-digit code.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
5. Press **MENU/SELECT** to save.





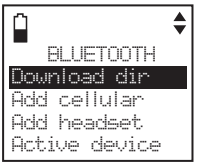
Download directory

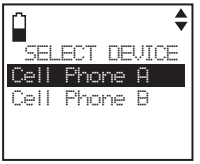
You can download up to four cell phone directories (phonebooks) to your **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** telephone system via Bluetooth wireless technology. Each downloaded directory can store up to 1,500 entries with up to 30 digits for each phone number and 15 characters for each name.

Before downloading the directory, make sure the cell phone is paired to your **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** and on the active devices list.

Place your cell phone next to the telephone base when you download a cell phone directory to your TL92220/TL92270/TL92320/TL92370/TL92420/TL92470.

To download a cell phone directory:



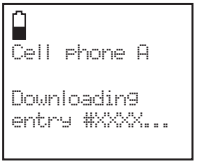


1. Press **MENU/SELECT** on the handset when it is not in use.
2. Press **CID▼** or **▲DIR** to highlight **Bluetooth**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to choose **Download dir**.
   - If there is no cell phone paired to the system, the handset displays **No cellular device paired. Press SELECT to add cellular.**
4. Press **CID▼** or **▲DIR** to select a desired device, then press **MENU/SELECT**.
   - If the selected device is on the paired devices list but not on the active devices list, the handset displays **No cellular on active devices list. Press SELECT to add.**
   - If the selected device is on the active devices list but disconnected, the handset displays **Not connected. To connect cell place it next to the base. Press SELECT.**
   - If the selected device's directory has already been downloaded to the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** before, the handset displays **Directory Cell Phone A will be erased. To download press SELECT**. If you press **MENU/SELECT** to continue the download process, the directory stored on the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** for that cell phone is erased and replaced with the current cell phone directory. If you have edited the downloaded entries (page 58), those changes are lost.
   - If you already have four downloaded directories, the handset displays **Memory is full. Replace current directory? Press SELECT** when you try to download another cell phone directory. Press **MENU/SELECT** and the system prompts you to replace an existing directory.

Bluetooth setup

5. Press **CID▼** or **▲DIR** to highlight one of the following options:
   - **Phone memory** - download all contacts stored in your phone memory.
   - **SIM card only** - download all contacts stored in your SIM card.
   - **Phone and SIM** - download all contacts stored in both your phone memory and SIM card.

   Press **MENU/SELECT**. During the download, the handset displays the progress. All system handsets display **Downloading dir**.



6. When the downloading process is complete, the handset displays **Download ended Total #XXXX entries saved. Press SELECT**. Press **MENU/SELECT** or **OFF/CLEAR** to return to the download directory menu.

NOTES:

1. Certain cell phones do not support SIM card download. If this is the case, try transferring the contacts from your SIM card to your cell phone memory first, then download from your cell phone memory. For more information on how to transfer contacts from your SIM card to your cell phone memory, see the user's manual of your cell phone.
2. If **Phone memory** is chosen but with no entries saved, the handset displays **No entries found. Try downloading from SIM only Press SELECT**. If **SIM card only** is chosen but with no entries saved, the handset displays **No entries found. Try downloading from Phone only Press SELECT**. If **Phone and SIM** are chosen but with no entries saved in either or both directories, the handset display **No entries found. Try downloading from Phone only Press SELECT**.
3. When downloading the directory from your Bluetooth enabled cell phone, some data may not transfer. For example, if you have home, mobile and work numbers for a particular contact, the three categories may not transfer to your **TL92220/TL92270/ TL92320/TL92370/TL92420/TL92470**.
4. On certain cell phones, you may need to press a key to confirm the directory download.

Interruption to directory download

If you are downloading a directory from a cell phone and the cell phone receives a call, the download process stops and all handsets display **Download dir aborted.** When you try to view the downloaded directory, the handset displays **Last download aborted: MM/DD/YY Press SELECT**. You need to download the directory again (see page 24).

If you are downloading a directory from a cell phone and the telephone base loses power, the download process stops. When the telephone base regains power, the handset displays **Downloading dir**. You need to download the directory again (see page 24).

When you are downloading a directory from a cell phone and you wish to stop the download process, you may press **MENU/SELECT** to enter **DOWNLOAD DIR**. Press **CID▼** or **▲DIR** to highlight **Abort**, then press **MENU/SELECT** to confirm. You hear a confirmation tone. The download process stops and all handsets display **Download dir aborted**.

The download progress screen may be replaced with **Downloading dir**. To go back to the downloading progress screen, do steps one through four on page 24. The download process continues even if any of the following occur:

- You receive or make calls on the home line.
- You place the handset in the telephone base or charger.
- You access your cell phone menu features.
- The handset battery becomes depleted or the handset loses connection with the telephone base.

NOTE: During the download process, do not attempt to make changes to your cell phone directory.

View the directory download information

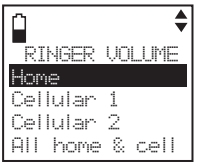
1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to choose the desired downloaded directory, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight **Last update**, then press **MENU/SELECT**.

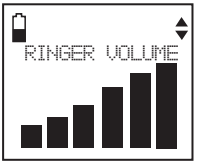
Ringer volume

You can select the ringer volume for the incoming home and cell calls.

To adjust the handset ringer volume:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Ringers**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to choose **Ringer volume**.
4. Press **CID▼** or **▲DIR** to select **Home**, **Cellular 1**, **Cellular 2** or **All home & cell**, then press **MENU/SELECT** to confirm.
5. Press **CID▼** or **▲DIR** to adjust the ringer volume. A sample of each ringer volume plays as you scroll through the choices.
6. Press **MENU/SELECT** to confirm. You hear a confirmation tone.





NOTES:

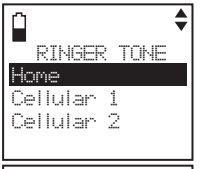
1. Changing the handset ringer volume does not affect base ringer volume. For more information on base ringer volume, see page 67.
2. When the ringer volume for all calls (**Home** and **Celluar**) is set to off, a ringer off icon 🔕 appears steady. When only one or two of the ringer volume settings are set to off, a ringer off icon 🔕 flashes.
3. The ringer volume level also determines the ringer levels of intercom calls (page 50).

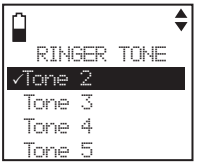
Ringer tone

You can select the ringer tones for the incoming home and cell calls.

To select a ringer tone:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Ringers**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Ringer tone**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to select **Home**, **Cellular 1** or **Cellular 2**, then press **MENU/SELECT** to confirm.
5. Press **CID▼** or **▲DIR** to select a ringer tone. A sample of each ringer tone plays as you scroll through the choices.
6. Press **MENU/SELECT** to confirm. You hear a confirmation tone.





NOTE: If you turn off the ringer volume, you do not hear ringer tone samples.

LCD language

You can select **English**, **Français** or **Español** to be used in all screen displays.

To select a language:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Settings**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to choose **LCD language**.
4. Press **CID▼** or **▲DIR** to choose from **English**, **Français** or **Español**, then press **MENU/SELECT**. You hear a confirmation tone.

Clear voicemail

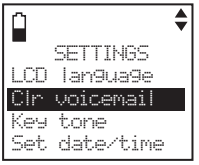
If you subscribe to voicemail service offered by your telephone service provider, **New voicemail** and ✉ appear on the handsets when you have new voicemail messages. Contact your telephone service provider for more information and assistance about using your voicemail service. This feature only works on the voicemail associated with your home line, not the cell line.

After you have listened to all new voicemail messages, the indicators on the handsets turn off automatically.

Use the clear voicemail feature when the telephone indicates that there is new voicemail but there is none (for example, when you have accessed your voicemail while away from home). Clearing the voicemail waiting indicator only turns off the indicators; it does not delete your voicemail messages. As long as you have new voicemail messages, your telephone service provider continues to send the signal that turns on the indicators.

To manually turn off the new voicemail indicator:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Settings**, then press **MENU/SELECT**.
3. Use **CID▼** or **▲DIR** to scroll to **Clr voicemail**, then press **MENU/SELECT**. The screen shows **Turn off indicator? Press SELECT to confirm**.
4. Press **MENU/SELECT** again to turn the voicemail indication off. You hear a confirmation tone.



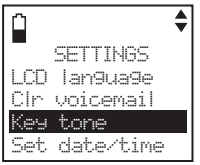
NOTES:

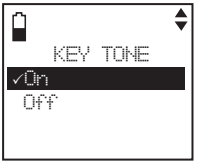
1. Your telephone service provider might alert you to new voicemail messages with a stutter (broken) dial tone. Contact your telephone service provider for more details.
2. For more information about the difference between your answering system and voicemail, see page 66.

Key tone

The handset is set to beep with each key press. If you turn off the key tone, there are no beeps when you press keys.

To change the setting:





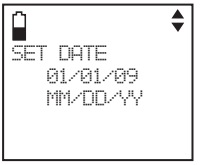
1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Settings**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to scroll to **Key tone**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to select **On** or **Off**, then press **MENU/SELECT**. You hear a confirmation tone.

Set date/time

The answering system announces the day and time of each message prior to playing it. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. Before using the answering system, set the date and time as follows.

After handset registration or a power failure, the handset will prompt you to set the date and time (see page 8).

To set the date and time:



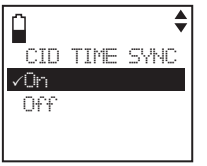
1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Settings**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Set date/time**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** to select **Date & time**.
5. Press **CID▼** or **▲DIR** to select the month and then press **MENU/SELECT** to confirm, or enter the correct number using the dial pad.
6. Press **CID▼** or **▲DIR** to select the day and then press **MENU/SELECT** to confirm, or enter the correct number using the dial pad.
7. Press **CID▼** or **▲DIR** to select the year and then press **MENU/SELECT** to confirm, or enter the correct number using the dial pad.
8. Press **CID▼** or **▲DIR** to select the hour and then press **MENU/SELECT** to confirm, or enter the correct number using the dial pad.
9. Press **CID▼** or **▲DIR** to select the minute, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
10. Press **CID▼** or **▲DIR** to choose **AM** or **PM**, then press **MENU/SELECT** to confirm. You hear a confirmation tone.

NOTE: If the clock is not set when a message is recorded, the system announces, "*Time and day not set*" before the message is played.

Use caller ID to automatically set date and time

You can choose to have the date and time automatically set by incoming caller ID.

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Settings**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Set date/time**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to select **CID time sync**, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to select **On** or **Off**, then press **MENU/SELECT** to confirm. You hear a confirmation tone.

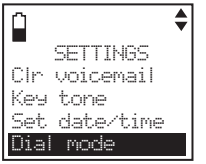


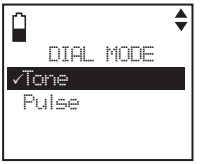
Dial mode

The dial mode is preset to tone dialing. If you have pulse (rotary) service, you must change the dial mode to pulse dialing before using the telephone.

To change the setting:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Settings**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Dial mode**, then press **MENU/SELECT**.
4. Press **▼CID** or **▲DIR** to choose **Tone** or **Pulse**, then press **MENU/SELECT** to confirm. You hear a confirmation tone.

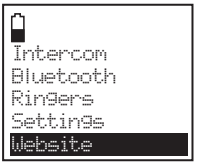




Website

You can use this feature to view the AT&T website address.

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Website**, then press **MENU/SELECT**. The handset screen shows the AT&T website address.
3. Press **OFF/CLEAR** to exit.



Home area code

If you dial seven digits to make a local call (area code not required), enter your area code into the telephone as the home area code. When you receive a call from within your home area code, the caller ID history only displays the seven digits of the telephone number.

This feature makes it easy for you to place a call from the caller ID log. If you dial 10 digits to make a local phone call, do not use this home area code feature. If you do, you cannot place local calls from your caller ID log, as they will have only seven digits.

To set the home area code:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to choose **Home**.
4. Press **CID▼** or **▲DIR** to highlight **Home area code**, then press **MENU/SELECT**.
5. Use the dialing keys to enter the desired home area code.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
6. Press **MENU/SELECT** to confirm. You hear a confirmation tone.

NOTE: If, in the future, your telephone service provider requires you to dial 10 digits to make a local call (area code + telephone number), you will need to delete your home area code. With the home area code displayed, press and hold **MUTE/DELETE**. The home area code is now restored to its default setting of _ _ _ (empty).

Cell area code

Most cell phone entries are stored in a 10-digit format. If all of your cell phone entries are stored this way, you do not need to program your cell area code.

If your cell phone stores entries in a 7-digit format, we recommend that you program your cell area code so that your 7-digit directory entries can be dialed correctly using your home line.

To set the cell area code:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight a desired downloaded directory, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight **Cell area code**, then press **MENU/SELECT**.
5. Use the dialing keys to enter the desired cell area code.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
6. Press **MENU/SELECT** to confirm. You hear a confirmation tone.

Answering system settings

Announcement

An announcement is the greeting callers hear when calls are answered by the answering system.

The telephone is preset with a greeting that answers calls with *"Hello, please leave a message after the tone."* You can use this preset announcement, or replace it with your own.

Play your announcement

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Announcement**, then press **MENU/SELECT**.

4. The handset announces, "*To play, press **2**. To record, press **7**.*" Press **2** to play.

Record your own announcement

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** highlight **Announcement**, then press **MENU/SELECT**.

4. The handset announces, *"To play, press **2**. To record, press **7**."* Press **7** to record.
5. The handset announces, "*Record after the tone. Press **5** when you are done.*" After the tone, speak towards the microphone of the handset.
6. Press **5** when you finish recording.
7. The handset automatically plays back the newly recorded announcement. Press **5** to stop the playback at any time; **2** to replay the recorded announcement; or **7** to record again if desired.

NOTES:

1. Your announcement can be up to 90 seconds in length.
2. Announcements shorter than two seconds are not recorded.

Answering system settings

Answer ON/OFF

If you turn the answering system on, it answers calls and records messages only on the home line. If your paired cell phone has voicemail, callers can leave messages with that voicemail service.

When the answering system is turned on, the **⏻/ANSWER ON** light on the telephone base is on and the handsets display **ANS ON**.

To turn the answering system on or off:

Using the telephone base:

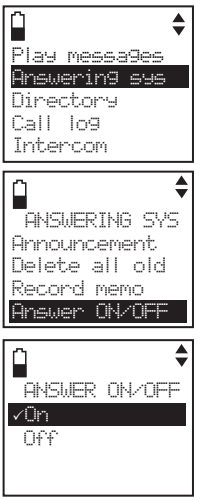
- Press **⏻/ANSWER ON** to turn the answering system on or off. When the answering system is turned on, it announces, *"Calls will be answered."* When the answering system is turned off, it announces, *"Calls will not be answered."*

NOTES:

1. If there is no remaining recording time, the answering system announces "Memory is full" when it is turned on.
2. If the total recording time is less than three minutes, the answering system announces "Less than three minutes to record." and your handsets display **Rec mem low**.
3. If the answering system is off, you may press **⏻/ANSWER ON** on the telephone base to turn on the answering system during an incoming call. The answering system answers the call immediately.

Using a handset:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Answer ON/OFF**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to choose **On** or **Off**, then press **MENU/SELECT** to confirm. You hear a confirmation tone.



Delete your announcement

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Announcement**, then press **MENU/SELECT**.
4. The handset announces, *"To play, press **2**. To record, press **7**."* Press **3** to delete your own recorded announcement. The handset announces, *"Announcement deleted."*

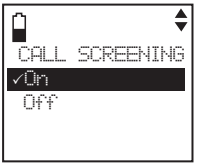
NOTE: When your announcement is deleted, calls are answered with the preset announcement.

Answering system settings

In the answering system setup menu, you can change the settings for call screening, number of rings, remote access code and message alert tone.

Call screening

The call screening feature lets you listen at the telephone base to a caller leaving a message. While monitoring an incoming message, you can answer the call by pressing **HOME/FLASH** or **SPEAKER** on the handset.



To change the settings:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Use **CID▼** or **▲DIR** to scroll to **Ans sys setup**, then press **MENU/SELECT** twice to select **Call screening**.
4. Press **CID▼** or **▲DIR** to choose between **On** and **Off**.
5. Press **MENU/SELECT** to confirm your setting. You hear a confirmation tone.

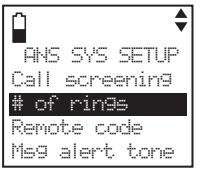
NOTE: For more information on call screening, see page 67.

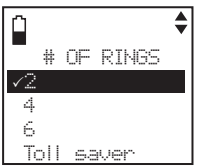
Number of rings

When the answering system is turned on, it answers all incoming home calls after the number of rings set. You can choose from two, four, or six rings; or toll saver. With toll saver selected, the answering system answers after two rings when you have new messages, and after four rings when you have no new messages. This enables you to check for new messages and avoid paying unnecessary long distance charges if you are calling from out of your local area.

To set the number of rings:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Ans sys setup**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight **# of rings**, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to choose from **2**, **4**, **6** or **Toll saver**, then press **MENU/SELECT**. You hear a confirmation tone.





Answering system settings

Remote access code

A two-digit security code is required to access the answering system remotely from any touch tone telephone. The preset code is **19**. You can change the code to any number from **00** to **99**.

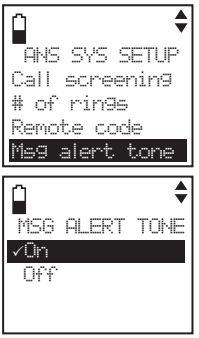
To change the remote code:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Use **CID▼** or **▲DIR** to scroll to **Ans sys setup**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to scroll to **Remote code**, then press **MENU/SELECT**.
5. Use the dialing keys (**0**-**9**) to enter a two-digit number from **00**-**99**, then press **MENU/SELECT** to confirm.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
6. Press **MENU/SELECT** to confirm your setting. You hear a confirmation tone.

Message alert tone

When the message alert tone is set to **On**, the telephone base beeps every 10 seconds to alert you of new messages. The tone stops when all new messages have been reviewed. The default message alert setting is off.

To set the remote access code:



1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Use **CID▼** or **▲DIR** to scroll to **Answering sys**, then press **MENU/SELECT**.
3. Use **CID▼** or **▲DIR** to scroll to **Ans sys setup**, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to scroll to **Msg alert tone**, then press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to choose between **On** and **Off**.
6. Press **MENU/SELECT** to confirm your setting. You hear a confirmation tone.

Using a handset for home calls

To make a home call:

- Press **HOME/FLASH** or **/SPEAKER**, then enter the telephone number.

To predial a home call:

- Enter the telephone number, then press **HOME/FLASH** or **/SPEAKER**.

To answer a home call:

- Press **HOME/FLASH** or **/SPEAKER**.

NOTES:

1. The screen shows the elapsed time as you talk (in hours, minutes and seconds).
2. When predialing (preview numbers before dialing), press **MUTE/DELETE** or **OFF/CLEAR** to backspace and delete; press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
3. You cannot answer a home call using your connected cell phone.

To end a home call:

- Press **OFF/CLEAR** or put the handset in the telephone base or charger.

Using a Bluetooth headset for home calls

You can use a Bluetooth headset on home calls. However, you need to keep the device within 15 feet of the telephone base for optimal performance. Please see the user's manual of your Bluetooth headset for more information.

To answer a home call using a Bluetooth headset:

- Press the call key on your headset.

To end a home call you answered from a Bluetooth headset:

- Press the call key on your headset.

If you make or answer a home call on a handset, you can transfer the call to your headset. The handset remains active, but the handset earpiece and microphone are muted. If you hang up the handset, the call ends.

To transfer a call from a handset to a Bluetooth headset:

- Press **MENU/SELECT** twice to select **Use headset**.

If you have two headsets, press **CID▼** or **▲DIR** to select a headset, then press **MENU/SELECT**. The handset shows **Transferring audio to Headset X**. To cancel the call transfer, press **OFF/CLEAR** on your handset.

To transfer a call from the Bluetooth headset back to the handset:

- Press **MENU/SELECT** twice to select **Use handset**.

To end a call that started at the handset:

- Press **OFF/CLEAR** or put the handset in the telephone base or charger.

NOTES:

1. If you answer a call using a headset, and you lose the Bluetooth connection or the battery is depleted, the call is lost.
2. If you are using a headset for a call which is transferred from a **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handset, and you lose the Bluetooth connection or the battery of the headset is depleted, the call is transferred back to the originating handset.
3. **Use headset** only shows if a headset is paired (see pages 16-17).
4. If the transfer fails, the handset screen shows **Transfer fail. Please turn ON headset & place next to base. Press SELECT.**
5. If the headset is not connected, the handset screen shows **Headset not connected! To connect, press SELECT**. Press **MENU/SELECT** to connect your headset to the telephone system. If the connection still fails, the handset shows **Connection fail. Please turn ON headset & place next to base. Press SELECT.** Press **MENU/SELECT** to resume the outside call with the original handset. Refer to the **Pair a headset** section on pages 16-17.

Call waiting on the home line

If you subscribe to call waiting service with your telephone service provider, you hear a beep if someone calls while you are already on a call.

- Press **HOME/FLASH** on the handset to put your current call on hold and take the new call.
- Press **HOME/FLASH** on the handset at any time to switch back and forth between calls.

Make, answer or end a cell call

You can connect a maximum of two Bluetooth enabled cell phones to the telephone base, but only one cell phone can be used on a cell call at a time. All **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handsets can be used to make or answer calls on the cell phone line.

To make a cell call:

- Enter the telephone number, then press **CELLULAR**.

If you have only one cell phone connected to the telephone base, it is automatically selected to make cell calls. If you have two cell phones connected to the telephone base, the telephone system prompts you to select a cell phone before you make a cell call.

To answer a cell call:

- Press **CELLULAR**.

NOTE: You can also use your cell phone to answer the call. If you answer with your cell phone, it disconnects from the telephone base.

To end a cell call:

- Press **OFF/CLEAR** or put the handset in the telephone base or charger.

Call waiting on the cell line

If you subscribe to call waiting service with your cell phone service provider, you hear a beep if someone calls while you are already on a call.

- Press **CELLULAR** on the handset to put your current call on hold and take the new call.
- Press **CELLULAR** on the handset at any time to switch back and forth between calls.

Answer a cell call while on a home call

If you are on a home call and you receive an incoming cell call, you hear a beep and **1** or **2** displays on the handset you are using. The telephone base and all other handsets rings.

To answer the incoming cell call:

- Press **CELLULAR** on the handset. The home call is automatically placed on hold and all other handsets display **Home call on hold** and **Cell line in use** alternatively.

To end the cell call:

- Press **OFF/CLEAR** on the handset. The home line is still on hold. All handsets display **Home call on hold**.

To resume the home call on hold:

- Press **HOME/FLASH** on the handset.

Cell phone voicemail

If you have voicemail service active on your cell phone, and you do not answer the incoming cell call, the call is answered by your cell phone's voicemail. Contact your cell phone service provider for more information about voicemail service.

Answer a home call while on a cell call

If you are on a cell call and you receive an incoming home call, you hear a beep and displays on the handset you are using. The telephone base and all other handsets rings.

To answer the incoming home call:

- Press **HOME/FLASH** on the handset. The cell call is automatically placed on hold and all other handsets display **Cell call on hold** and **Home line in use** alternatively.

To end the home call:

- Press **OFF/CLEAR** on the handset. The cell line is still on hold. All handsets display **Cell call on hold**.

To resume the cell call on hold:

- Press **CELLULAR** on the handset.

NOTE: If you have turned on your answering system and you do not answer the incoming home call, the call is answered by your answering system.

Conference home and cell calls

When you have calls established on the home and cell lines, you can create a 3-way conference.

To conference both home and cell calls:

1. Press **MENU/SELECT**.
2. Press **CID▼** or **▲DIR** to highlight **Conf. with home/Conf. with cell** (whichever is applicable).
3. Press **MENU/SELECT**.

To select an option while on a conference call:

1. Press **MENU/SELECT**.
2. Press **CID▼** or **▲DIR** to select one of the following options:
   - **End home call**
   - **End cell call**
3. Press **MENU/SELECT**.

To end a conference call:

- Press **OFF/CLEAR** or put the handset back in the telephone base or charger.

Using the home and cell lines together:

- You can be on two different calls using the cell line and home line at the same time using two handsets.
- You cannot be on a call using the cell line and a Bluetooth headset via the home line at the same time. These are both Bluetooth devices and only one can be used at a time.
- If you are on a call using the cell line, you cannot join the call using your paired cell phone. However, you can join the call using another **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handset. Your cell phone is being used for the phone call so only features that are normally available during a call can be used.

Options while on calls

Handset speakerphone

During a call, press **/SPEAKER** to switch between speakerphone and normal handset use.

Volume control

While on a call, press **VOLUME+** to increase or press **-VOLUME** to decrease the listening volume.

If this is a cell call and the volume is too loud or quiet, try changing the volume on your cell phone. On some cell phones, changing the volume on the cell phone effects your cell call volume on the **TL92220/TL92270/ TL92320/TL92370/TL92420/TL92470** handset.

NOTE: The handset earpiece volume setting (1-5) and speakerphone volume setting (1-6) are independent.

Silencing the ringer

When the telephone is ringing, you can temporarily silence the ringer of the handset or telephone base without disconnecting the call. The next call rings normally at the preset volume.

To silence the handset ringer:

- Press **OFF/CLEAR** or **MUTE/DELETE** on the handset and **Ringer muted** appears.

To silence the base ringer:

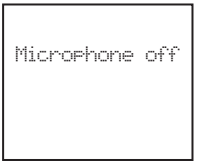
- Press ▼**VOLUME** on the telephone base.

Mute

Use the mute function to turn off the microphone. You can hear the caller, but the caller does not hear you.

To mute the call:

- Press **MUTE/DELETE**. When mute is on, the handset screen shows **Microphone off** for a few seconds and the **MUTE** icon appears until you turn off the mute function.



To un-mute the call:

- Press **MUTE/DELETE** and resume speaking. When mute is off, **Microphone on** appears temporarily on the handset screen.

Mute is automatically canceled when you end the call.

Options while on calls

Temporary tone dialing

If you have pulse (rotary) service only, you can switch from pulse to touch tone dialing temporarily during a call. This is useful if you need to send touch tone signals to access your telephone banking or long distance services.

During a call:

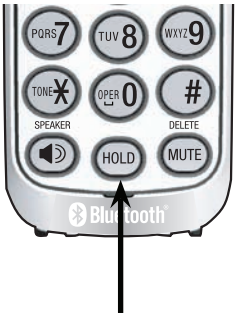
1. Press **TONE** *.
2. Use the dialing keys to enter the relevant number. The telephone sends touch tone signals.
3. The telephone automatically returns to pulse dialing mode after you end the call.

Hold

You can place a home or cell call on hold. You hear an alert tone if you have not taken the call off of hold after 14 minutes. You hear another alert tone 30 seconds later. At 15 minutes on hold, the call on hold automatically disconnects.

To place a home call on hold:

- Press **HOLD**. **Home call on hold** appears and **HOME/FLASH** flashes.



To resume a home call on hold:

- Press **HOME/FLASH**.

To place a cell call on hold:

- Press **HOLD**. **Cell call on hold** appears and **CELLULAR** flashes.

To resume a cell call on hold:

- Press **CELLULAR**.

Equalizer

The equalizer feature on the handset enables you to change the quality of the handset audio to best suit your hearing.

While on a call, or listening to a message or announcement, press **EQ** to select the equalizer setting **Treble 1**, **Treble 2**, **Bass** or **Natural** (the default setting) for the handset. The current setting is shown on the handset for two seconds.

NOTES:

1. The equalizer feature does not apply to the speakerphone on the telephone base or the connected Bluetooth headset.
2. If you switch the call between the handset and speakerphone by pressing **/SPEAKER**, the audio setting remains unchanged.
3. The current equalizer setting remains unchanged until a new setting is selected.

Chain dialing

Use this feature to initiate a dialing sequence from numbers stored in the directory, call log or redial while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, call log or redial list.

To access a number in the directory while on a call:

1. Press **MENU/SELECT**.
2. Press **CID▼** or **▲DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight the desired directory, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to scroll to the desired entry or perform an alphabetical search (page 57).
5. Press **MENU/SELECT** to dial the displayed number.

To access a number in the call log while on a call:

1. Press **MENU/SELECT**.
2. Press **CID▼** or **▲DIR** to highlight **Call log**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to scroll to the desired entry.
4. Press **MENU/SELECT** to dial the displayed number.

To access the redial list while on a call:

1. Press **REDIAL/PAUSE**.
2. Press **▲DIR**, **CID▼** or **REDIAL/PAUSE** until the desired number displays, then press **MENU/SELECT**. If you do not press **MENU/SELECT** within two seconds, the number displayed is dialed automatically.

NOTES:

1. You can only view the numbers in the directory, call log or redial list while on a call and cannot edit, delete or save entries.
2. Press and hold **OFF/CLEAR** to exit redial, directory or call log while on a call.

Redial

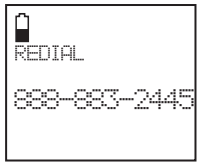
The handset stores the 20 numbers (up to 30 digits each) in the redial list.

Review the redial list

1. Press **REDIAL/PAUSE** in idle mode.
2. Press **CID▼**, **▲DIR** or **REDIAL/PAUSE** to browse the list. The handset beeps twice at the end of the list.

Press **OFF/CLEAR** to exit.

Dial a redial entry



1. Press **HOME/FLASH** or **/SPEAKER**, then press **REDIAL/PAUSE** repeatedly to view the redial memory, press **MENU/SELECT** to dial out the number displayed.

   -OR-

1. Press **REDIAL/PAUSE** in idle mode.
2. Press **CID▼**, **▲DIR** or **REDIAL/PAUSE** to browse until the desired number displays. The handset beeps twice at the end of the list.
3. Press **HOME/FLASH** or **/SPEAKER** to use the home line.

   -OR-

   Press **CELLULAR** to use the cell line.

Save a redial entry to the directory

1. Press **REDIAL/PAUSE** in idle mode.
2. Press **CID▼**, **▲DIR** or **REDIAL/PAUSE** to browse until the desired number displays.
3. Press **MENU/SELECT** twice.
4. The handset displays **ENTER NUMBER**. Use the dialing keys to edit the number, if necessary.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
5. Press **MENU/SELECT**.
6. Press **CID▼** or **▲DIR** to select one of the following types:
   - Home
   - Cell
   - Work
   - Other
7. Press **MENU/SELECT**. The handset displays **ENTER NAME**. Use the dialing keys (page 55) to enter a name.
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
8. Press **MENU/SELECT** to confirm. The handset screen shows **Saved** and you hear a confirmation tone.

Delete a redial entry

1. Press **REDIAL/PAUSE** when the handset is not in use.
2. Press **CID▼**, **▲DIR** or **REDIAL/PAUSE** to browse until the desired number displays.
3. Press **MUTE/DELETE** to delete the displayed number.

Handset locator

This feature helps you find a misplaced handset.

To start paging:

Press **/HANDSET LOCATOR** on the telephone base when it is not in use. All idle handsets ring and display ** **Paging** **.

To end paging:

Press **/HANDSET LOCATOR** on the telephone base.

-OR-

Press **HOME/FLASH, /SPEAKER** or any dialing keys (**0**-**9**, **#**, **TONE**) on the handset.

NOTES:

1. If the handset ringer volume is set to off, the handset sill rings when paged.
2. If there is no response after 60 seconds, paging ends.

Join a call in progress

Another handset can join you on an outside call. That call continues until all people hang up. You can share an outside call with up to four system handsets.

- Press **HOME/FLASH** or **/SPEAKER** on another handset to join the call.

Intercom

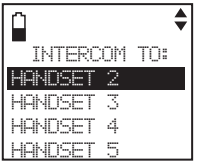
Use the intercom feature for conversations between two system handsets.

You can buy additional expansion handsets (**TL90070**) for this telephone system. You can register up to 12 handsets to the telephone base.

To initiate an intercom call

1. Press **MENU/SELECT** on the handset in idle mode.
2. Press **CID▼** or **▲DIR** to highlight **Intercom**, then press **MENU/SELECT**.

   - If you have a two-handset system, your handset displays **Calling other handset**. The destination handset rings and displays **Other handset is calling**.
   - If you have more than two handsets, your handset displays **INTERCOM TO:**. Press **CID▼** or **▲DIR** to select a destination handset and then press **MENU/SELECT**. You may also press **1**-**9** for **HANDSET 1**-**9**, ***0** for **HANDSET 10**, ***1** for **HANDSET 11** or ***2** for **HANDSET 12**. Your handset displays **Calling HANDSET X**. The other handset rings and displays **HANDSET X is calling**.



To answer an intercom at the destination handset:

- Press **HOME/FLASH** or **/SPEAKER**. Both screens show **Intercom**.

To silence an intercom call:

- Press **OFF/CLEAR** or **MUTE/DELETE** on the destination handset. Its screen displays **Ringer muted** for a few seconds.

To end an intercom call:

- Press **OFF/CLEAR** or place either handset back in the telephone base or charger. Both handsets display **Intercom ended**.

NOTES:

1. You can cancel the intercom call before it is answered by pressing **OFF/CLEAR** on your originating handset.
2. If the destination handset does not answer the intercom call within 100 seconds, is in the directory or call log, or is out of range, the originating handset displays **Unable to call try again** and returns to idle mode.
3. You can use a maximum of five handsets at a time. For example, when four handsets are used on intercom calls, use another handset for an outside call. When two handsets are used on an intercom call, you can use three other handsets for an outside call.

Answer an incoming call during an intercom call

When you receive an incoming home call during an intercom call, there is an alert tone, **Incoming call** appears on screens and **HOME/FLASH** flashes. The telephone base and all other handsets ring.

- Press **HOME/FLASH** to answer the home call and the intercom call ends automatically.
- Press **OFF/CLEAR** to end the intercom call without answering the incoming call. The telephone continues to ring.

When you receive an incoming cell call during an intercom call, there is an alert tone, **Incoming call** appears on screens and **HOME/FLASH** flashes. The telephone base and all other handsets ring.

- Press **CELLULAR** to answer the cell call and the intercom call ends automatically.
- Press **OFF/CLEAR** to end the intercom call without answering the incoming call. The telephone continues to ring.

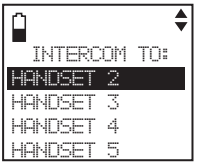
Call transfer using intercom

Use the intercom feature to transfer an outside call to another system handset.

1. When on an outside call, press **MENU/SELECT**.

2. Press **CID▼** or **▲DIR** to highlight **Intercom**, then press **MENU/SELECT**.

   - If you have a two-handset system, the outside call is put on hold and your handset displays **Calling other handset**. The other handset rings and displays **Other handset is calling**.



   - If you have more than two handsets, your handset displays **INTERCOM TO:**. Press **CID▼** or **▲DIR** to select a destination handset and then press **MENU/SELECT**. You may also press **1**-**9** for **HANDSET 1**-**9**, ***0** for **HANDSET 10**, ***1** for **HANDSET 11** or ***2** for **HANDSET 12**. Your handset displays **Calling HANDSET X**. The other handset rings and displays **HANDSET X is calling**.

     The outside call is put on hold and your handset screen shows **Calling HANDSET X**. The other handset rings and displays **HANDSET X is calling**.

3. To answer the call on the other handset, press **HOME/FLASH** or **/SPEAKER**. The outside call is still on hold and both handsets now show **Intercom**. You can now have a private conversation between the system handsets.

NOTES:

1. To cancel the transfer and return to the external call before the intercom call is answered, press **OFF/CLEAR** or **HOME/FLASH** on your handset.
2. If the other handset does not answer the intercom call within 100 seconds, or if the other handset is in the directory or call log mode, or is out of range, the calling handset shows **Unable to call try again** and automatically returns to the external call.

4. From this intercom call, you have the following options:

   - You can transfer the call. Press **MENU/SELECT** twice to select **Transfer** on the calling handset. Your screen shows **Call transferred**. The other handset automatically connects to the outside call.

   - You can let the other handset join you on the outside call in a three-way conversation. Press **MENU/SELECT,** select **Share call**, and press **MENU/SELECT**. Either handset can also press **HOME/FLASH** to create a three-way conversation.
   - You can end the intercom call and continue the outside call on the original handset by pressing **OFF/CLEAR** on either handset.

About the directory

The home directory stores up to 200 entries with up to 30 digits for each phone number and 15 characters for each name. Each of the downloaded directories stores up to 1,500 entries with up to 30 digits for each phone number and 15 characters for each name.

- Directory entries are stored at the telephone base and shared by all system handsets. Any changes made on one handset apply to all.
- Only one handset can review the directory at a time. If another handset tries to enter the directory, its screen shows **Not available at this time**.
- When there are no records in the directory, the screen shows **Directory empty**.
- When the directory is full and you try to save an entry, the screen shows **List full**.
- When you try to save a number already stored in the directory, the screen shows **Already saved**.

All of the instructions on pages 54-59 for the directories apply to the home directory and all downloaded directories. Creating a new entry on page 54 only applies to the home directory.

You cannot create new entries in your downloaded directories from the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handset. Entries must be downloaded from your cell phone (see **Download directory** on pages 24-25).

Create and review entries

Create a new entry in the home directory

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **Home.**
4. Press **CID▼** or **▲DIR** to highlight **Add contact**, then press **MENU/SELECT**. The screen displays **ENTER NUMBER**.
5. Use the dialing keys to enter a telephone number.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).

   -OR-

   Copy a number from the redial list.
   1. Press **REDIAL/PAUSE** and then **CID▼**, **▲DIR** or **REDIAL/PAUSE** to browse to select a number.
   2. Press **MENU/SELECT** to copy the displayed number.
6. Press **MENU/SELECT**.
7. Press **CID▼** or **▲DIR** to select one of the following types:
   - Home
   - Cell
   - Work
   - Other
8. Press **MENU/SELECT**. The screen displays **ENTER NAME**.
9. Use the dialing keys (see page 55) to enter the name.
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
10. Press **MENU/SELECT** to confirm and the screen shows **Saved**.

NOTE: You cannot create new entries in your downloaded directories from your **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** handsets. Entries must be downloaded from your cell phone (see **Download directory** on pages 24-25).

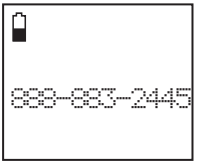
Create and review entries

Number key	Characters by number of key presses										
	1	2	3	4	5	6	7	8	9	10	11
1	1	.	-	’	(	)	*	#	&	/	,
2	A	B	C	a	b	c	2				
3	D	E	F	d	e	f	3				
4	G	H	I	g	h	i	4				
5	J	K	L	j	k	l	5				
6	M	N	O	m	n	o	6				
7	P	Q	R	S	p	q	r	s	7		
8	T	U	V	t	u	v	8				
9	W	X	Y	Z	w	x	y	z	9		
0	Space	0									
*											
#											

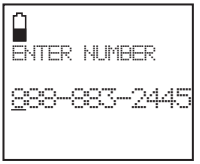
NOTE: When entering a name in the directory, the first letter of each word is automatically capitalized.

To add a predialed telephone number to the directory

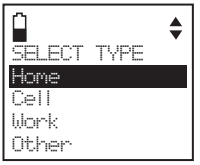
You can save a predialed telephone number to the directory.



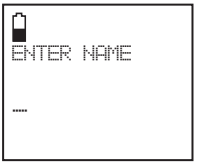
1. Enter the telephone number in idle mode (see step 5 in **Create a new entry in the home directory** on page 54).
2. Press **MENU/SELECT** to edit the number (see step 3 in **Edit a directory entry** on page 58) and then press **MENU/SELECT**.



3. Press **CID▼** or **▲DIR** to select one of the following types:
   - Home
   - Cell
   - Work
   - Other



4. Press **MENU/SELECT**. The screen displays **ENTER NAME**.
5. Use the dialing keys (see page 55) to enter the name.
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.



6. Press **MENU/SELECT** to confirm and the screen shows **Saved**. You hear a confirmation tone.

Create and review entries

Review the directory

Entries are sorted alphabetically.

1. Press ▲**DIR** in idle mode.
2. Press **CID**▼ or ▲**DIR** to choose a directory, then press **MENU/SELECT**. (If you only have one directory with entries, this step is not necessary.)
3. Press **CID**▼ or ▲**DIR** to browse.

-OR-

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID**▼ or ▲**DIR** to highlight **Directory**, then press **MENU/SELECT**.
3. Press **CID**▼ or ▲**DIR** to choose a directory, then press **MENU/SELECT**.
4. Press **CID**▼ or ▲**DIR** to highlight **Review**, then press **MENU/SELECT**.
5. Press **CID**▼ or ▲**DIR** to browse.

NOTE: When the desired entry displays, press **#** repeatedly to show different dialing options.

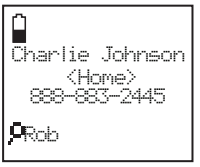
3-character alphabetical search

You can use the enhanced 3-character search to find your contacts quickly and efficiently.

To start the search:

1. Follow the steps in **Review the directory** above to enter the directory.
2. When an entry appears, use the dialing keys to enter the letters associated with the name (see page 55). You can enter up to three letters for the search. The letters will show in the bottom left hand corner of the screen. After you have entered between one to three letters, press **MENU/SELECT** to search. If there is no name matching the letter(s) entered, the next closest match in alphabetical order appears. If necessary, use **CID**▼ or ▲**DIR** to browse.

NOTE: The cursor automatically moves to the next position two seconds after you enter a letter. If you do not enter another letter in the coming two seconds, the handset starts searching in the directory.



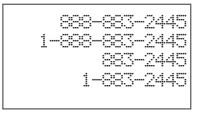
Dial, Edit or delete a directory

Dial a directory entry

You can dial a directory entry on either a home or cell line.

To dial a directory entry:

1. Search for the desired entry in the directory (see **Review the directory** or **3-character alphabetical search** on page 57).
2. When the desired entry appears, press **#** repeatedly to show different dialing options.
3. When the displayed number is in the correct format, press **HOME/FLASH** or **/SPEAKER** to use the home line, or **CELLULAR** to use the cell line.



Edit a directory entry

You may edit any directory entry. However, be aware that if you download from a cell phone again, the directory is erased and replaced with the current cell phone directory. If you have edited the downloaded entries on the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470**, those changes are lost. To avoid losing changes made to the downloaded directory, we suggest you edit the number in your cell phone, then download the directory.

1. Search for the desired entry in the directory (see **Review the directory** or **3-character alphabetical search** on page 57).
2. When the desired entry appears, press **MENU/SELECT**. The screen shows **EDIT NUMBER**.
3. Use the dialing keys to edit the number.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
4. Press **MENU/SELECT**.
5. Press **CID▼** or **▲DIR** to select one of the following types:
   - Home
   - Cell
   - Work
   - Other
6. Press **MENU/SELECT**. The screen displays **ENTER NAME**.
7. Use the dialing keys (see page 57) to enter the name.
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
8. Press **MENU/SELECT** to confirm and the screen shows **Saved**.

Dial, Edit or delete a directory

Edit the type of a directory entry

If you only want to edit the type of a directory entry:

1. Search for the desired entry in the directory (see **Review the directory** or **3-character alphabetical search** on page 57).
2. When the desired entry appears, enter the corresponding shortcut keys shown in the below table. The type you choose will appear on the screen between the name and number.

Type:	Press:
Home	⅄ **1**
Cell	⅄ **2**
Work	⅄ **3**
Other	⅄ **4**

Delete a directory entry

To delete an entry:

1. Search for the desired entry in the directory (see **Review the directory** or **3-character alphabetical search** on page 57).
2. When the desired entry appears, press the **MUTE/DELETE**. The screen displays **Delete contact? Press SELECT to confirm.**
3. Press **MENU/SELECT**. The screen displays **Contact deleted** and then the next alphabetical entry in the directory.

NOTE: Once a directory entry is deleted, it cannot be retrieved.

Remove a downloaded directory

(downloaded directories only)

1. Press **MENU/SELECT** in idle mode.
2. Press **CID▼** or **▲DIR** to highlight **Directory** and then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to choose the desired downloaded directory, then press **MENU/SELECT**.
4. Press **CID▼** or **▲DIR** to highlight **Remove dir** and then press **MENU/SELECT**.
5. The screen displays **Directory Cell Phone A will be erased. Press SELECT to confirm**. Press **MENU/SELECT** and the screen displays **Directory removed**. You hear a confirmation tone.

About caller ID

This product supports caller ID services provided by most telephone service providers. Caller ID allows you to see the name, number, date and time of calls. The available caller ID information will appear after the first or second ring.

Information about caller ID with call waiting

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even while on another call.

It may be necessary to change your telephone service to use this feature. Contact your telephone service provider if:

- You have both caller ID and call waiting, but as separate services (you may need to combine these services).
- You have only caller ID service, or only call waiting service.
- You don't subscribe to caller ID or call waiting services.

There are fees for caller ID services. In addition, services may not be available in all areas.

Caller ID information is available only if both you and the caller are in areas offering caller ID service, and if both telephone service providers use compatible equipment.

The caller ID information may not be available for every incoming call. The callers may intentionally block their names and/or telephone numbers. A call log entry can show a maximum number of 24 digits.

NOTE: You can use this product with regular caller ID service, or you can use this product's other features without subscribing to caller ID or combined caller ID with call waiting service.

Caller ID operation

How the caller ID history (call log) works

The telephone stores caller ID information about the last 50 incoming calls in the telephone base. Entries are stored in reverse chronological order. The phone deletes the oldest entry when the log is full to make room for new calls. This information is common to all handsets, so changes made using any handset are reflected in all other handsets. If you answer a call before the information appears on the screen, it does not show in the caller ID history.

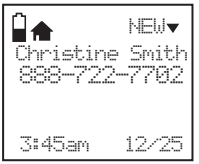
NOTE: If the phone number has more than 24 digits, it will not be saved or shown in the call log.

Missed calls indicator

When a handset is in idle mode and has unreviewed calls, its screen shows **XX Missed call(s)**.

All unreviewed entries are counted as missed calls. Each time you review a call log entry with the icon **NEW**, the number of missed calls decreases by one.

If you do not want to review the missed calls one by one, but you still want to keep them in the caller ID history, you can press and hold **OFF/CLEAR** for four seconds when the handset is idle. All the entries in the caller ID history become old (have been reviewed), and the missed calls message goes away.



Caller ID operation

Memory match

If the incoming telephone number matches the last seven digits of a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

For example, if Christine Smith calls, her name appears as **Chris** if this is how you enter it into your directory.

NOTE: The number you see on your caller ID is in the format from the telephone service provider. It usually delivers 10-digit telephone numbers (area code plus telephone number). If the last seven digits of the incoming telephone number do not match a number in your directory, the name appears as it is delivered by the telephone service provider.

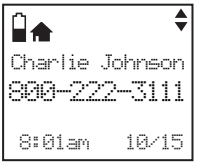
To review the call log

Review the caller ID history to find out who called, to easily return a call, or to copy the caller's name and number into your directory. **Call log empty** appears if there are no records in the call log.

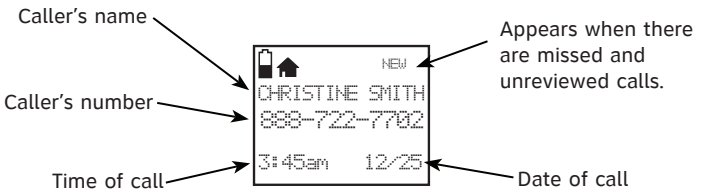
1. When a handset is in idle mode, press **CID▼** to review the caller ID history in reverse chronological order starting with the most recent call.
   -OR-
   You can also review the caller ID history by pressing **MENU/SELECT**, then press **CID▼** or **▲DIR** to scroll to **Call log**, then press **MENU/SELECT** twice to **Review**.

CID▼

2. Press **CID▼** or **▲DIR** to scroll through the list.
3. Press **OFF/CLEAR** to exit the caller ID history.



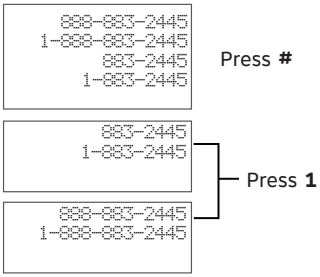
NOTE: Only one handset can review the caller ID history at time. If another handset tries to enter the directory or caller ID history. It shows **Not available at this time**.



Caller ID operation

View dialing options

Although the call log entries may contain 10 digits (the area code plus the seven-digit number), in some areas, you may need to dial only the seven digits, or **1** plus the seven digits, or **1** plus the area code plus the seven digits. You can change the number of digits that you dial from the call log or store to the directory.



While reviewing the call log, press **#** repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

Press **1** repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

When the number shows in the correct format for dialing, press **HOME/FLASH** or **/SPEAKER** to call the number using the home line.

-OR-

Press **CELLULAR** to call the number using the cell line.

Caller ID operation

Dial a call log entry

1. Search for the desired entry in the call log (see **To review the call log** on page 62).
2. When the desired entry is displayed and is in the correct format for dialing, press **HOME/FLASH** or **/SPEAKER** to use the home line, or **CELLULAR** to use the cell line.

Save a call log entry to the directory

Call log entries can only be saved to the **Home** directory.

1. Select a desired entry in the call log (see **To review the call log** on page 62).
2. When the desired entry appears, press **#** repeatedly to show different dialing options.
3. When the number is in the correct format, press **MENU/SELECT**. The screen shows **EDIT NUMBER**.
4. Use the dialing keys to edit the number.
   - Press **MUTE/DELETE** to erase a digit.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
5. Press **MENU/SELECT**.
6. Press **CID▼** or **▲DIR** to select one of the following types:
   - Home
   - Cell
   - Work
   - Other
7. Press **MENU/SELECT**. The screen displays **EDIT NAME**.
8. Use the dialing keys (see page 55) to edit the name.
   - Press **MUTE/DELETE** to erase a character.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press **CID▼** to move the cursor to the left or **▲DIR** to the right.
9. Press **MENU/SELECT** to confirm and the screen shows **Saved**.

To delete a single entry

1. Select a desired entry in the call log (see **To review the call log** on page 62).
2. When the desired entry is displayed, press **MUTE/DELETE**. The screen shows the previous call log entry.

To delete all entries

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Call log**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Del all calls**, then press **MENU/SELECT**.
4. The screen displays **Delete all calls? Press SELECT to confirm**. Press **MENU/SELECT** to clear all entries and you hear a conformation tone.

Reasons for missing caller ID information

There are occasions when other information or no information shows for various reasons:

On-screen message	Reason
L	It is a long distance call.
Private name	The caller prefers not to show the name.
Private number	The caller prefers not to show the phone number.
Private caller	The caller prefers not to show the phone number and name.
Unknown name	Your telephone service provider cannot determine the caller's name.
Unknown number	Your telephone service provider cannot determine the caller's number.
Unknown caller	No information is available about this caller.

About the answering system

Answering system and voicemail

Your telephone has separate indicators for two different types of voice messages: those recorded on its built-in answering system and those recorded in your service provider's voicemail (fees may apply). Your telephone's built-in answering system messages and voicemail messages are separate. Each alerts you to new messages differently.

If ✉ and **New voicemail** display on the handsets, your telephone service provider is indicating that it has new voicemail for you. To listen to your voicemail, you typically dial an access number provided by your telephone service provider, followed by a security code or PIN.

Some service providers bundle or combine multiple services like voicemail and call waiting, so you may not be aware that you have voicemail. To check what services you have and how to access them, contact your telephone service provider.

You can use your telephone answering system and voicemail together by setting your built-in answering system to answer before voicemail answers. To learn how to program your voicemail settings, contact your telephone service provider. If you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message if you set up your voicemail as described below.

Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, if your voicemail answers after six rings, set your answering system to answer after four rings. Some voicemail providers may program the delay before answering calls in seconds instead of rings. In this case, allow six seconds per ring when determining the appropriate setting.

Answering system new message indication

The message window on the telephone base flashes and the handsets show ⌾ and **New messages** when there are new answering system messages.

If the new message alert tone is turned on, the telephone base beeps every 10 seconds when there are unreviewed messages.

- To listen to messages recorded on your digital answering system, press ▶/■**/PLAY/STOP** on the telephone base (page 68).

About the answering system

Message capacity

The answering system can record and store up to 99 messages. Each message can be up to four minutes in length. The total storage capacity for the announcement, messages and memos is approximately 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

If the answering system has less than three minutes, it announces, *"Less than three minutes to record."* The handset screen displays **Less than 3 minutes to record** before message playback.

If the memory is full, the answering system announces, *"Memory is full."* The handset screen displays **Memory full** and the number of messages and **F** are flashing alternatively in the message counter. You cannot record new messages until old ones have been deleted.

Voice prompts

The system provides voice prompts to guide you through remote access and recording outgoing announcements.

Call screening at the telephone base

If the answering system and call screening are on, the announcement and the incoming message broadcast at the telephone base when a call arrives.

During message recording, press ▶/■**/PLAY/STOP** repeatedly to turn call screening on and off for this call. Press ▼**VOLUME**▲ on the telephone base to adjust the message volume. To change the call screening setting for all calls see page 37.

During call screening, press ▶/■**/PLAY/STOP** on the telephone base to turn off the call screening. If the call screening is off and the answering system has answered a call, press ▶/■**/PLAY/STOP** or **VOLUME**▲ to turn on the call screening.

Call intercept

When a caller is leaving a message on your answering system, you can stop recording and talk to the caller by pressing **HOME/FLASH** or **/SPEAKER** on the handset.

Telephone base ringer volume

Press ▼**VOLUME**▲ on the telephone base to adjust the ringer volume when the telephone is not in use. When you set the ringer volume to zero, the base ringer is off and the system announces, *"Base ringer is off."*

Temporarily turning off the message alert tone

Pressing any telephone base key (except **/HANDSET LOCATOR**) temporarily silences the message alert tone.

The message alert tone plays with the next incoming message.

Message playback

If you have new messages, the telephone plays only the new messages (oldest first). If there are no new messages, the telephone plays all messages (oldest first).

When playback begins, the handset screen displays **PLAYING MESSAGES** and you hear the total number of messages followed by the day and time of the message. After the last message, the telephone announces, *"End of messages."* and the screen displays **End of messages**. If the recording time is less than three minutes, you hear, *"Less than three minutes to record."* (see **Message capacity** on page 67)

To listen to messages with the telephone base:

1. Press ▶/■**/PLAY/STOP** to listen to messages.

   Options during playback:

   - Press ▼**VOLUME**▲ to adjust the speaker volume.
   - Press ⏭**/SKIP** to skip to the next message.
   - Press ⏮**/REPEAT** to repeat the message currently playing. Press ⏮**/REPEAT** twice to listen to the previous message.
   - Press **X/DELETE** to delete the current message. The system advances to the next message.
   - Press ▶/■**/PLAY/STOP** to stop.

To listen to messages with a handset:

1. Press **MENU/SELECT** in idle mode.
2. Press **MENU/SELECT** again to select **Play messages**.
3. If there are new and old messages, press **CID**▼or ▲**DIR** to select **Play new msgs** or **Play old msgs** and then press **MENU/SELECT**.

   Options during playback:

   - Press **EQ** button to adjust the message playback audio quality.
   - Press ▼**VOLUME**▲ to adjust the speakerphone volume.
   - Press **6** to skip to the next message.
   - Press **4** to repeat the message currently playing. Press **4** twice to listen to the previous message.
   - Press **3** to delete the current message. The system advances to the next message.
   - Press **5** to stop.

The system announces the number of messages, then begins playback. The message sequence is shown on the handset screen. If there are no recorded messages, the handset screen shows **You have: No message** with voice prompt *"You have no message."*

Message playback

Delete all old messages

Using the telephone base:

Press **X/DELETE** when the phone is not in use. The telephone announces, ***"To delete all old messages, press DELETE again."*** Press **X DELETE** again. All previously heard messages are erased and the telephone announces, "*All old messages deleted.*"

Using a handset:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Delete all old**, then press **MENU/SELECT**.
4. The handset displays **Delete all old messages? Press SELECT to confirm**. Then press **MENU/SELECT** to confirm.

NOTE: You can only delete old messages, which are messages you have played.

Record and play memos

Memos are messages you record as reminders for yourself or others using the same answering system. You can record your own memos using a system handset. Playback and delete them the same way as incoming messages.

To record a memo:

1. Press **MENU/SELECT** on the handset in idle mode to enter the main menu.
2. Press **CID▼** or **▲DIR** to highlight **Answering sys**, then press **MENU/SELECT**.
3. Press **CID▼** or **▲DIR** to highlight **Record memo**, then press **MENU/SELECT**.
4. The system announces, "*Record after the tone. Press **5** when you are done.*" After the tone, speak towards the microphone.
5. Press **5** when you finish recording. The handset announces, "*Recorded*" and then returns to the previous menu.

NOTES:

1. The system announces *"Memory is full,"* if you attempt to record a memo when the memory is full.
2. Each memo can be up to four minutes in length.
3. Memos shorter than one second are not recorded.

To play a memo

Play memos the same way as messages. See **Message playback** on page 68.

Base message counter displays

Message window displays

0	No messages.
0 (flashing)	You need to set the clock (page 30).
0–6	Displays for two seconds while adjusting the telephone base ringer volume.
1–8	Displays for two seconds while adjusting the telephone base speaker volume.
1–99	Total number of old messages and memos, or message number currently playing during old message playback.
1–99 (flashing)	Total number of messages and memos. The number flashes when there are new (unreviewed) messages. After a power failure, the number in the message counter flashes to indicate that you need to set the clock.
1–99 & F (alternating)	Memory is full. You must delete some messages before recording new messages.
---- ----	The system is answering a call on the telephone base, or someone is trying to reach it remotely. The system is in program mode.

NOTE: When the memory is full, the answering system answers incoming calls after 10 rings and announces, "*Memory is full. Enter the remote access code.*"

Remote access

You can access the answering system remotely by dialing your home telephone number from any touch-tone telephone.

To remotely access the answering system

1. Dial your telephone number from any touch-tone telephone.
2. When the system plays your announcement, enter the two-digit remote access code (**19** is the preset code, see page 38 to change it).
3. You can also enter the remote commands (see **Remote commands** below).
4. Hang up or press **8** to end the call and save all undeleted messages.

Remote commands

1	Press to listen to all messages.
2 ABC	Press to listen to new messages only.
3 DEF	Press to delete the current message (during playback).
3 DEF 3 DEF	Press twice to delete all old messages.
4 GHI	Press to repeat the current message (during playback).
4 GHI 4 GHI	Press twice to listen to the previous message.
5 JKL	Press to stop any operation (including recording).
* TONE 5 JKL	Press to listen to a list of remote commands.
6 MNO	Press to skip to the next message (during playback).
* TONE 7 PQRS	Press to record a new announcement.
8 TUV	Press to end remote access (the call is terminated).
0 OPER	Press to turn the answering system on or off.

NOTES:

1. If you do not press any keys after you enter the remote access code, all new messages play. If there are no new messages, all old messages play.
2. Once the new messages have played, the telephone announces the help menu options. If you do not press any key within 20 seconds, the remote access call automatically disconnects.
3. When the answering system is turned off, the telephone answers after 10 rings, and announces, *"Please enter your remote access code."*
4. When the memory is full, the answering system answers incoming calls after 10 rings and announces, *"Memory is full. Enter the remote access code."*

Handset screen icons

	HOME line - On steadily when the home line is in use or there is an incoming home call.
1 2	**CELL** line- On steadily when the cell line is in use or there is an incoming cell call.
1 2	**Bluetooth connected device(s)** - There are Bluetooth connected devices on the active devices list.
1 2	**Bluetooth disconnected device(s)** - There are Bluetooth disconnected devices on the active devices list.
1 2	**Wireless Bluetooth headset** - On steadily when a wireless Bluetooth headset is in use on the home line.
(flashing)	**Battery status** - Battery is low; place handset in telephone base or charger to recharge.
	Battery status - Battery is charging.
	Speakerphone - The speakerphone is in use.
	Ringer off - On steadily if the ringers of home and cell lines are turned off. Flashes if only one ringer is turned off.
	New voicemail - New voicemail received from your telephone service provider.
ANS ON	**Answering system on** - The answering system is turned on.
	New answering system message - New message in the answering system.
NEW	**New call log** - Missed and unreviewed calls.
MUTE	**Mute** - Microphone is muted.
Msg#[10/16]	**Message counter** - number of messages playing/total number of messages.

Alert tones and lights

Handset alert tones

Two short beeps	You are pressing **CID▼** or **▲DIR** when the volume is already at its highest or lowest setting. **-OR-** You have reached the end of the caller ID history.
Three short beeps	Out of range while the handset is on a call.
Three short high-pitched beeps	The telephone has completed the command successfully.
Four short beeps	Low battery warning.

Telephone base alert tones

Beeps once every 10 seconds	Message alert.

Handset indicator lights

CHARGE light

On when the handset is charging in the telephone base or charger.

Backlight (lighted display and dial pad)

On when the handset is lifted from the telephone base or charger.

On when a key is pressed.

/SPEAKER light

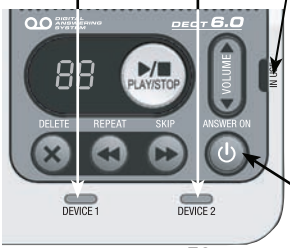
On when the speakerphone is in use.

Telephone base indicator lights

DEVICE1/DEVICE2 lights

On when the telephone base is paired and connected with a Bluetooth device.

Flash while pairing a Bluetooth device.



IN USE light

On when the handset is in use, or when the answering system is answering an incoming call, or when you are registering a handset.

Flashes when another telephone is in use on the same line, or when you are deregistering handset(s) from the telephone base.

Flashes when there is an incoming call

/ANSWER ON light

On when the answering system is on.

Screen messages

Display screen messages

Already saved	The telephone number you have entered is already stored in the directory.
Bluetooth system busy	You are trying to make a cell call or access the Bluetooth menu when the Bluetooth link is already being used.
Call log empty	There are no entries in the caller ID history.
Call transferred	An outside call from one handset is transferred to another handset.
Calling HANDSET X (For models with more than two handsets)	The handset is calling another handset (for intercom calls).
Calling other handset (For models with two handsets only)	The handset is calling the other handset (for intercom calls). The handset is going to transfer an outside call to the other handset.
Cell	The cell line is on a call.
Cell call on hold	A call on the cell line has been put on hold.
Cell line in use	Another system handset is using the cell line.
Connecting...	The handset has lost communication with the telephone base.
Directory empty	There are no directory entries.
Downloading dir	The system is downloading a directory from a cell phone.
Ended	You have just ended a call.
HANDSET X is calling (For models with more than two handsets)	Another system handset is calling.
Home	The home line is on a call.
Home call on hold	A call on the home line has been put on hold.
Home & cell calls on hold	Calls on the home and cell lines have been put on hold.
Home & cell lines in use	Calls on the home and cell lines are being used.
Home line in use	A system handset or another telephone on the same home line is in use.
Incoming call	There is a call coming in.

Screen messages

Intercom	The handset is on an intercom call.
Intercom ended	The intercom call has just ended.
Intercom to: (For models with more than two handsets)	You have started the intercom process, and need to enter the number of the handset you wish to call.
List full	The directory is full. You cannot save any new entries unless you delete some current entries.
Low battery	The battery needs to be charged.
Microphone off	The handset microphone is off. The other party cannot hear you but you can hear the other party.
Microphone on	The handset microphone is on.
New voicemail	There are new voicemail message(s) from your telephone service provider.
No battery	The battery is not properly installed and the handset is in the telephone base or charger.
No entries found. Try downloading from SIM only Press SELECT	There are no entries found when you download a cell phone directory from the cell memory.
No entries found. Try downloading from Phone only Press SELECT	There are no entries found when you download a cell phone directory from your SIM card. There are no entries found in either the cell or SIM card when you download a cell phone directory from both memories.
No connected cellular phones	There is no cellular phone connected to the base.
No home line	There is no telephone line connected.
No message	There is no message recorded on the answering system.
No signal, call ended	The phone lost the connection with the telephone base or does not have a strong enough signal and the phone call ended.
Not available at this time	Someone else is already using the directory or caller ID history.
Other handset is calling (For models with two handsets only)	The other handset is calling.

Screen messages

Out of range OR No power at base	The handset has lost communication with the telephone base. There is no power connected to the telephone base.
** Paging **	The telephone base is paging all handsets.
Place in charger	The battery is very low. The handset should be placed in the telephone base or charger.
Rec mem full	The answering system has no recording time left.
Ringer mute	The ringer is muted temporarily during an incoming call.
Rec mem low	The answering system has less than three minutes to record.
Saved	The entry is now in the directory.
Unable to call try again	Failed intercom or conference call.
Unable to complete call. Check cellular.	You are trying to make a cell call when the cell line is already being used.
Unable to save	You are trying to save an entry with no name and number from the caller ID history.
XX Missed call(s)	There are new calls in the caller ID history.
XX New message(s)	There are new messages recorded in the answering system.

Expand your telephone system

The handsets provided with your telephone system are pre-registered. Additional handsets registered to the telephone system are assigned in sequential order. For instance, if you already have **HANDSET 1** and **HANDSET 2**, the new registered handset is assigned **HANDSET 3**. This telephone system accommodates up to 12 handsets.

Add and register a handset (optional)

You can add new handsets (**TL90070**, purchased separately) to your telephone system, but each handset must be registered with the telephone base before use. When first purchased, each expansion handset shows **Press and hold HANDSET LOCATOR on base for 4 sec, then press # on handset** after a battery is installed. Each handset should be charged without interruption for at least 30 minutes before registering to the telephone base. For more details on battery charging, see the table on page 9.

To register a handset:

1. Press and hold **/HANDSET LOCATOR** on the telephone base for about four seconds until the red **IN USE** light turns on.
2. Press **#** on the handset. Its screen shows **Registering...Please wait** and it takes up to 60 seconds to complete the registration. The handset shows **HANDSET X Registered** (**X** represents the handset number assigned) and you hear a beep when the registration is completed.

NOTES:

1. If the registration fails, the handset shows **Registration failed** for a few seconds and then **Press and hold HANDSET LOCATOR on base for 4 sec, then press # on handset**. Try the registration process again.
2. You cannot register a handset if any other system handset is in use.

Replace a handset

If you want to replace a handset or re-assign the designated handset number of a registered handset, you must deregister all the handsets and then individually register each handset.

To make deregistration easier, read all of the instructions on this page before you begin.

To deregister all handsets:

1. Press and hold **/HANDSET LOCATOR** on the telephone base for about 10 seconds until the **IN USE** light flashes, then release **/HANDSET LOCATOR**.
2. Press **/HANDSET LOCATOR** again. You must press **/HANDSET LOCATOR** while the **IN USE** light is still flashing. The **IN USE** light flashes for about seven seconds.
3. All system handsets show **Out of range OR No power at base** for a few seconds and then show **Press and hold HANDSET LOCATOR on base for 4 sec, then press # on handset** when the deregistration is completed. The deregistration process takes about 10 seconds to complete.

If deregistration fails, you may need to reset the telephone and try again.

To reset:

- Press and hold **OFF/CLEAR** or place the handset back in the telephone base.

  -OR-

- Unplug the power from the telephone base, then plug it back in.

After deregistering, register each handset individually. See **Add and register a handset** on page 77.

NOTE: You cannot deregister the handsets if any other system handset is in use.

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For Customer Service, or to purchase accessories or replacement parts, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**. Have the serial number, found on the underside of your telephone, available when contacting customer service.

I cannot pair my cell phone to the telephone base.

- Make sure you have cellular coverage.
- Make sure the Bluetooth function of your cell phone is turned on. See the user's manual of your cell phone for more information.
- Make sure that you set your cell phone to search for devices.
- If the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** is in your cell phone device history list, delete it and try pairing again.
- Carefully follow the pairing instructions on page 14 and make sure that your cell phone is not connected to any other Bluetooth device.
- Turn off your cell phone, then turn it on again.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.

I cannot pair my headset to the telephone base.

- Make sure that your Bluetooth headset is in discoverable mode when pairing with the telephone base. See the user's manual of your headset for more information on how to set your headset to discoverable mode.
- Carefully follow the pairing instructions on page 16 and make sure that your headset is not connected to any other Bluetooth device.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.

I cannot connect my cell phone with the telephone base.

- Make sure that the Bluetooth function of your cell phone is turned on. See the user's manual of your cell phone for more information.
- Make sure that your Bluetooth cell phone is not connected to any other Bluetooth device.
- Turn off your cell phone, then turn it on again.
- Make sure that your cell phone is on the paired devices list.
- For some cell phones, you must authorize **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** device in your cell phone's Bluetooth feature. See the user's manual of your cell phone for more information.

- Manually connect your cell phone to the **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470**. Refer to the user's manual of your cell phone for more information.

I cannot connect my headset with the telephone base.

- Make sure that your Bluetooth headset is not connected to any other Bluetooth device.
- Make sure that your headset is on the paired devices list.

I cannot put my headset in discoverable mode.

- Refer to the user's manual of your headset for information on how to set your headset to discoverable mode.
- Make sure that the headset is not connected to any other Bluetooth device in order to successfully pair and connect to the telephone base.
- Carefully follow the pairing process on page 16.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.

I don't know how to search for or add new devices on my cell phone.

- Most cell phones have the Bluetooth feature in the connection or setup menus. Please refer to the user's manual of your cell phone.
- In general, press the menu key on your cell phone, then look for the Bluetooth menu in the settings or connection menu. In the Bluetooth menu, select the option to search for or add new devices.

My cell phone disconnects with the telephone base.

- Turn off your cell phone, then turn it on again.
- Make sure that you are not using your cell phone when on a cell call.

My cell phone is connected to the telephone base, but I cannot make a cell call.

- Make sure that your cell phone is not in use when you are trying to make a cell call.
- For some smartphones, make sure that the cellular function is turned on.

Bluetooth system busy appears on the display.

- Make sure that your cell phone is not in use when connected and on the active devices list**.**
- Make sure that your cell phone or headset is not connected to any other Bluetooth device.
- **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** can only use one Bluetooth device at a time.

Troubleshooting

The PIN on the telephone base does not work.

- The default PIN is **0000**.
- If you have changed the PIN, it will appear on the handset in the pairing process.

I cannot hear any audio on my telephone system when on a cell call.

- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in.
- Turn off your cell phone, then turn it on again.

I cannot download contacts from my cell phone to my TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470.

- Make sure that your cell phone is paired and connected to the base.
- Make sure you place your cell phone next to the base while downloading.

I see duplicate entries in my downloaded directory

- If you see duplicate directory entries, you can delete them manually. Another option is to download again either your SIM card or phone memory, but not both.

Some of my cell phone contacts were not imported to my TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470.

- Make sure to try copying the contacts from your SIM card to your cell phone memory first, then download from your phone memory. If that doesn't work, try copying the contacts from your cell phone memory to your SIM card, then download from your SIM card. For more information on how to transfer contacts between your SIM card and your phone memory, refer to the user's manual of your cell phone.

Can the TL92220/TL92270/TL92320/TL92370/TL92420/TL92470 help the poor cell phone reception in my house?

- If your cell phone has poor reception in your home, the **TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470** cannot improve the reception. However, if you have a location in your house with better reception, you can leave your cell phone in that location while you use **TL92220/TL92270/TL92320/TL92370/TL92420/TL92470** cell line. In order for this to work, the cell phone must be within 15 feet of the telephone base for optimal performance.

The listening volume of my cell call is too loud or quiet.

- During a cell call, if the listening volume is too loud or quiet, try changing the volume on your cell phone. On some cell phones, changing the volume on the cell phone effects your cell call volume on the **TL92220/ TL92270/TL92320/TL92370/TL92420/TL92470** handset.

My phone doesn't work at all.

- Make sure the power cord is securely plugged in.
- Make sure that the battery connector is securely plugged into the cordless handset.
- Make sure the telephone line cord is securely and firmly plugged into the telephone base and the telephone wall jack.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- If the battery is depleted, it may take approximately ten minutes to charge the handset before it shows **Low battery**, refer to page 9 for details.
- Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- You may need to purchase a new battery. Please refer to **Battery installation and charging** (pages 8-9) in this user's manual.

I cannot get a dial tone.

- First try all the suggestions above.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- If the previous suggestions don't work, disconnect the telephone base from the telephone jack and connect to a different phone. If there is no dial tone on that phone either, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).
- Your line cord might be malfunctioning. Try installing a new line cord.

I cannot dial out.

- First try all the suggestions in **I cannot get a dial tone** above.
- Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing.
- Eliminate any background noise. Noise from a television, radio or other appliances may cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other phones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

My cordless handset isn't performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the power adapter into a different, working electrical outlet not controlled by a wall switch.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.

The handset registration is unsuccessful.

Follow the steps below to re-register the handset.

1. Make sure the handset is out of the telephone base or charger and shows **NOT REGISTERED** before you begin registration.
2. Press and hold **/HANDSET LOCATOR** for about four seconds (until the red **IN USE** light on the telephone base is on) and then release the button.
3. Place the unregistered handset into telephone base or charger.

Refer to the **Add and register a handset** section on page 77 for details.

Out of range OR No power at base appears on my cordless handset.

- Ensure that the telephone base is powered up.
- Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to resynchronize.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.

The batteries do not hold a charge.

- If the cordless handset is in the telephone base or charger and the charge light does not come on, refer to **The charge light is off** (page 87) in this **Troubleshooting** guide.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- If the battery is depleted, it may take approximately ten minutes to charge the handset before it shows **Low battery**, refer to page 9 for details.
- You may need to purchase a new battery. Please refer to **Battery installation and charging** (pages 8-9) in this user's manual.

I get noise, static, or a weak signal even when I'm near the telephone base.

- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone line cord and the telephone wall jack (see page 6). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
- You may be able to improve the performance of your cordless phone by installing your new telephone base as far as possible from any other existing cordless telephone system that may already be installed.
- Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones.
- Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.

- If your phone is plugged in with a modem or a surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your phone or modem farther apart from one another, or use a different surge protector.
- Relocate your phone to a higher location. The phone may have better reception when installed in a high area.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other phones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

I experience poor sound quality when using the speakerphone.

- For increased sound quality while using the speakerphone, place the handset on a flat surface with the dial pad facing up.
- When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party, press **DELETE/MUTE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **DELETE/MUTE** again to turn the microphone on.
- Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should terminate speakerphone operation and return to normal handset mode.

I hear other calls while using my phone.

- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other phones in your home are having the same problem, the problem is in your wiring or telephone service. Call your telephone service provider (charges may apply).

While on a call or playing messages, there is too much noise, or the voice sounds tinny, shrill or flat.

- While on a call or playing messages, press the **EQ** button on the side of the handset until you find the settings that sounds best (page 45).

Troubleshooting

My cordless handset does not ring when I receive a call.

- Make sure that the ringer is not turned off. Refer to **Ringer volume** on page 27 in this user's manual.
- Make sure the telephone line cord is plugged securely into the telephone base and the telephone jack. Make sure the power cord is securely plugged in.
- The cordless handset may be too far from the telephone base.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones.
- The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably to a higher location.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other phones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).
- Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack. Contact your telephone service provider (charges may apply).
- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as wireless routers, or other cordless telephones.
- Re-install the battery, and place the cordless handset in the telephone base. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.
- Your line cord might be malfunctioning. Try installing a new line cord.

My calls cut in and out while I'm using my cordless handset.

- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as wireless routers, or other cordless telephones.
- Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.
- If you plug your phone in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your phone or modem farther apart from one another, or use a different surge protector.
- Relocate your telephone base to a higher location. The phone may have better reception when installed in a high area.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other phones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).
- Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should stop speakerphone operation and return to normal handset mode.
- When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party press **DELETE/MUTE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **DELETE/MUTE** to turn the microphone on.

The charge light is off.

- Make sure the power and line cords are plugged in correctly and securely.
- Unplug the electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.

My caller ID isn't working.

- Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your phone.
- The caller must be calling from an area that supports caller ID.
- Both your and your caller's telephone service providers must use caller ID compatible equipment.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone line cord and the telephone wall jack (see page 6). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

System does not receive caller ID when on a call.

- Make sure you subscribe to caller ID with call waiting features provided by your telephone service provider. Caller ID features work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

An ✉ icon and New voicemail show on the display and I don't know why.

- Your telephone has voicemail indication that is separate from the built-in answering system. If ✉ appears on the display, then your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from your telephone service provider. Contact your telephone service provider for more information on how to access your voicemail.

I cannot retrieve voicemail messages.

- Your telephone has both a built-in answering system and voicemail indication. They are independent features and each alerts you to new messages differently (page 66). If you subscribe to voicemail service from your telephone service provider (charges may apply), contact your telephone service provider for more information on how to access your voicemail.

I am receiving incomplete messages.

- If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes.
- If the caller pauses for longer than seven seconds, the system stops recording and disconnects the call.
- If the system's memory becomes full during a message, the system stops recording and disconnects the call.
- If the caller's voice is very soft, the system may stop recording and disconnects the call.

I am having difficulty hearing messages.

- Press **VOLUME▲** to increase speaker volume on the telephone base.
- Press **VOLUME▲** to increase the listening volume on a handset.

System does not answer after correct number of rings.

- Make sure the answering system is on. When the answering system is on, **ANS ON** should show on the handset and the ⏻ **ANSWER ON** light is lit on the telephone base (page 35).
- If toll saver is selected, the number of rings changes to two when there are new messages waiting (page 37).
- If the memory is full or the system is off, the system answers after 10 rings.
- In some cases, the answering system is affected by the ringing system used by the telephone service provider.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 66). To determine how many rings activate your voicemail, please contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The answering system announces *"Time and day not set."*

- You need to set the date and time (page 30).

System does not respond to remote commands.

- Make sure to enter your remote access code correctly (page 71).
- Make sure you are calling from a touch-tone phone. When you dial a number, you should hear tones. If you hear clicks, the phone is not a touch-tone telephone and cannot activate the answering system.
- The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code.
- There may be interference on the phone line you are using. Press the dial pad keys firmly.

The answering system does not record messages.

- Make sure the answering system is on (page 35).
- Make sure the memory of the answering system is not full. When the answering machine memory is full, it does not record new messages until some old messages are deleted.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 66). To determine how many rings activate your voicemail, please contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The outgoing announcement is not clear.

- When you record your announcement, make sure you speak in a normal tone of voice, about nine inches from the telephone base.
- Make sure there is no background noise (TV, music, etc.) while recording.

I subscribe to a non-traditional telephone service that uses my computer to establish connections, and my telephone doesn't work.

- Make sure your computer is powered on.
- Make sure your Internet connection is working properly.
- Make sure that the software is installed and running for your non-traditional telephone service.
- Make sure to plug your USB telephone adapter into a dedicated USB port on your computer. Do not plug into a multiple port USB hub (USB splitter) that is not powered.
- In a few rare instances, the USB port on your computer may not have enough power. In these instances, try using a USB hub with its own external power supply.
- If you are using a firewall, it may prevent access to your non-traditional telephone service provider. Contact your service provider for more information.

Troubleshooting

Common cure for electronic equipment:

If the telephone is not responding normally, try resetting the telephone. Do the following in the order listed:

1. Disconnect the power to the telephone base.
2. Disconnect the cordless handset battery, and spare battery, if applicable.
3. Wait a few minutes.
4. Connect power to the telephone base.
5. Re-install the battery, and place the cordless handset into the telephone base.
6. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.

Maintenance

Taking care of your telephone

- Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- Your telephone can be damaged if it gets wet. Do not use the handset in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Then pull the telephone out by the unplugged cords.

Important safety information

This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Safety information

- Read and understand all instructions in the user's manual. Observe all markings on the product.
- Avoid using a telephone during a thunderstorm. There might be a slight chance of electric shock from lightning.
- Do not use a telephone in the vicinity of a gas leak. If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the base is also away from the area.
- Do not use this product near water, or when you are wet. For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- Install this product in a protected location where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- If this product does not operate normally, read the **Troubleshooting** section on pages 79-91 of this user's manual. If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** section on pages 97-98. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- Replace batteries only as described in your user's manual (pages 8-9). Do not burn or puncture batteries — they contain caustic chemicals.
- This power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

CAUTION: Use only the power adapter provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com**, or call **1 (800) 222–3111**. In Canada, dial **1 (866) 288-4268**.

Especially about corded telephones

- Privacy: The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the handset by radio waves, so there is a possibility that your cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- Electrical power: The telephone base of this cordless telephone must be connected to a working electrical outlet which is not controlled by a wall switch. Calls cannot be made from the handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.

Important safety information

- Potential TV interference: Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- Rechargeable batteries: This product contains nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conductive material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- Nickel-metal hydride rechargeable batteries: Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-metal hydride rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8-BATTERY for locations accepting spent Ni-MH batteries.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones): Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

- Should keep wireless telephones at least six inches from the pacemaker.
- Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

Especially about telephone answering systems

Two-way recording: This unit does not sound warning beeps to inform the other party that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform the other party that you are recording the conversation.

SAVE THESE INSTRUCTIONS

Appendix

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with the applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your telephone service provider.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable the alarm equipment, consult your telephone service provider or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone service provider may temporarily discontinue your telephone service. The telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone service provider is required to inform you of your right to file a complaint with the FCC.
Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ''IC:'' before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules.

These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

Appendix

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America, call **1 (800) 222-3111** or visit **www.telephones.att.com**; in Canada, call **1 (866) 288-4268**.

1. **What does this limited warranty cover?**

   The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package ("PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. **What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?**

   During the limited warranty period, the manufacturer's authorized service representative repairs or replaces at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer retains the defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer returns the repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

3. **How long is the limited warranty period?**

   The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

4. **What is not covered by this limited warranty?**

   This limited warranty does not cover:

   - PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or
   - PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
   - PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
   - PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
   - PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
   - PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
   - PRODUCT returned without a valid proof of purchase (see item 6 below); or
   - Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**; in Canada, please dial **1 (866) 288-4268**. NOTE: Before calling for service, please review the user's manual. A check of the PRODUCT's controls and features might save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the PRODUCT(s) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty. Transportation, delivery or handling charges are prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer notifies you and requests that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

6. What must you return with the PRODUCT to get warranty service?

You must:

a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and

b. Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and

c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer's responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you might also have other rights that vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation might not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion might not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band	1921.536MHz — 1928.448MHz
Channels	5
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 129 Vrms
Telephone base voltage (AC adapter output)	6VDC @400mA
Handset voltage	2.4 — 3.2 VDC
Charger voltage (AC adapter output)	6VAC @300mA
Replacement battery	2.4V 750mAH
Operating time*	Talk time (handset): up to eight hours Talk time (speakerphone): up to five hours Standby: up to seven days

* Operating times varies depending on your actual use and the age of the battery.

DECT 6.0 digital technology

The AT&T DECT 6.0 products offer unsurpassed range performance and sound clarity. This is achieved through a unique antenna design and advances in noise-filtering technology. An independent laboratory has confirmed that AT&T DECT 6.0 products perform up to 45% better in range competitions. Now calls can be taken in the basement, backyard and garage with exceptional sound quality.

Telephone operating range

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance — which can vary with the locations of the telephone base and handset, the weather, and the construction of your home or office.

Extended range and clarity

This telephone base comes with an antenna which gives much better clarity and covers a longer range than before.

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Remote access wallet card

The wallet card below lists the commands needed to control your answering system from any touch-tone telephone.

Cut along dotted line.

Call your telephone number, then enter your two-digit remote access code (preset to **19**).

Action	Remote command
Play all messages	**1**
Play new messages	**2**
Delete the message	**3** (during message playback)
Delete all old messages	**33**
Repeat or go back	**4**

Fold here.

Stop	**5**
Help menu	***5**
Skip the message	**6**
Record announcement	***7**
Turn system on or off	**0**
End remote access call	**8** (or hang up)

TL92220/TL92270/TL92320/TL92370/TL92420/TL92470 DECT 6.0 cordless telephone/answering system with BLUETOOTH® wireless technology

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